

## Main Index

|                     |                              |           |
|---------------------|------------------------------|-----------|
| <b>ETD</b> Index    | <b>Index</b> .....           | A01 - A02 |
| <b>A</b> <b>ETD</b> | <b>Profiles</b>              |           |
|                     | Specification Pages.....     | A03 - A10 |
|                     | Technical Information.....   | A11 - A16 |
|                     | Scale Profile Drawings.....  | A17 - A36 |
| <b>B</b> <b>ETD</b> | <b>Accessories</b>           |           |
|                     | Photos & Drawings.....       | B03 - B42 |
| <b>C</b> <b>ETD</b> | <b>Sections</b>              |           |
|                     | Open In Door.....            | C03 - C27 |
|                     | Open Out Door.....           | C28 - C40 |
| <b>D</b> <b>ETD</b> | <b>Statics</b> .....         | D01 - D02 |
| <b>E</b> <b>ETD</b> | <b>Construction Drawings</b> |           |
|                     | Open In Door.....            | E03 - E44 |
|                     | Open Out Door.....           | E45 - E82 |
| <b>F</b> <b>ETD</b> | <b>Sawing Tables</b>         |           |
|                     | Open In Door.....            | F03 - F16 |
|                     | Open Out Door.....           | F17 - F25 |
|                     | Sidelight/Fanlight.....      | F26 - F27 |

## Updates

| DATE | PAGE | DESCRIPTION |
|------|------|-------------|
|------|------|-------------|

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|-----------|-----------|--------------|
| JUNE 2024 | ALL PAGES | SPLIT MANUAL |
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## Specification

### GENERAL DESCRIPTION

The Alitherm 400 Door system described in this manual is suitable for domestic or commercial applications as replacement doors for existing buildings, and for installation into new buildings.

The Alitherm 400 Door provides the option of mechanical joints using punch tooling on outer frame and sash.

Stepped & Flush designs are available as:

- Single Open In Doors
- Double Open In Doors
- Single Open Out Doors
- Double Open Out Doors

Alitherm 400 door features Quick-Glaze Beads with integrated gasket, providing a fast and efficient glazing process. Non integrated gasket options are also available.

### PROFILE SPECIFICATION

The door frames are constructed of aluminium alloy extrusion to BS EN 755-9 and BS EN 12020, extruded to 6063 T6 alloy. The internal and external extrusions are separated with a polyamide thermal break.

The external aluminium alloy extrusion is pre-treated and finished either:-

- a) Anodised to BS 3987: 1987, grade AA25 to a natural self colour.
- b) Polyester powder organic coating to BS 6496. Dual colour is available.

## Specification

### GENERAL MANUFACTURING

Outer and sash frames are made by cutting the frame profiles with accurate 45° mitred ends using Tungsten Carbide Tipped Saw Blades, operating at approximately 3000 rpm.

The outer frame corner and sash joints can be made using mechanically fixed corner cleats by punching the corners using the relevant punch tooling shown in section E of this manual. The ends of transoms and mullions are profiled to fit the frame and fixed using self-tapping screws with a small joint sealant.

On polyester powder coated finishes, great care should be taken to avoid getting gap sealer on visible surfaces and should be removed as soon as possible with a clean cloth.

Important Note: All exposed aluminium should be coated using ACSIL014 or painted to match the frame.

Care should be exercised when using products not supplied by Smart Systems Ltd as no responsibility can be accepted.

### Size Limitations

| Door Type            | Min Leaf Width (mm) | Max Leaf Width (mm) | Max Leaf Height (mm) | Overall Width (mm) | Overall Height (mm) |
|----------------------|---------------------|---------------------|----------------------|--------------------|---------------------|
| Single Door Open In  | 600                 | 1100                | 2400                 | 1164               | 2464                |
| Double Door Open In  | 600                 | 1100                | 2400                 | 2276               | 2464                |
| Single Door Open Out | 600                 | 1100                | 2400                 | 1164               | 2464                |
| Double Door Open Out | 600                 | 1100                | 2400                 | 2276               | 2464                |

**Important Notes:**

1. Max leaf weight 100kg
2. Size limitations are based on current profiles using full frame

For advise on door sizes outside of the recommended design limitations, please contact the Technical Department at Smart Systems Ltd Tel: 01934 876100

## Specification

### DOOR DRAINAGE

As with all dry glazed systems, it is recommended that the door system is adequately drained and ventilated. Refer to drainage details in manual, if in doubt ask The Technical Department.

In order to get maximum performance and weather resistance, it is recommended that drips are used above all open-out door leaves and at the bottom of all open-in doors. it is also recommended to use at the bottom of open-out doors where the low ramp threshold are used.

### OUTER FRAME MANUFACTURING INFORMATION

The outer frame members are cut with 45° mitred ends to the overall size required, measured to the longest point of the metal.

Prior to corner assembly the centre line position of any transoms/mullions or mid-rail should be marked on the outer frame members. Where the transom/mullion runs right through, it should be marked out on both jambs or head and cill members in pairs to ensure accurate alignment of the sections.

Using the marked centre line, drill the transom/mullion fixing holes using a 5mm dia. drill bit.

Corners are formed by either drilling or punching, the corners ready for the cleat machine screws. Then, coating the cut faces to be joined with ACSIL04. Into the mitred corner insert the ACSIL013 and the required corner cleats. The two mitred ends are then brought together and screwed. ACSIL04 ensures a permanent joint and guards against the ingress of moisture and joint movement. After screwing the corner joint, special care should be taken to ensure any excess ACSIL04 is removed from painted surfaces

Transoms or mullions are cut with square ends to the sizes calculated on the cutting formula sheets. The ends are then profiled to allow them to fit into the outer frame. Special tooling is available on request to profile the end of transom/mullion.

Prior to fixing of transoms and mullions smear the cut ends with ACSIL04. After fixing, special care should be taken to ensure any excess is cleared from painted surfaces.

## Specification

### SASH

Corners are formed by either drilling or punching, the corners ready for the cleat machine screws. Then, coating the cut faces to be joined with ACSIL04. Into the mitred corner insert the ACSIL013 and the required corner cleats. The two mitred ends are then brought together and screwed. ACSIL04 ensures a permanent joint and guards against the ingress of moisture and joint movement. After screwing the corner joint, special care should be taken to ensure any excess ACSIL04 is removed from painted surfaces

### INTERNALLY BEADED ADAPTOR FRAME

The internally beaded adaptor frame members are cut with 45° mitred ends to the overall size required, measured to the longest point of metal. Care should be taken when measuring and cutting the frame members as only nominal clearance is required when the assembled frame is fixed in the outer frame.

Corners are formed by coating the cut faces to be joined with a suitable small gap sealer. Into the mitred corner insert the ACSIL013 and a corner cleat and the required corner chevrons. ACSIL04 ensures a permanent joint and guards against the ingress of moisture and joint movements. Care should be taken to ensure any excess sealer is removed from painted surfaces.

### Alitherm 400 Door Weather Performance (BS6375-1)

Low thresholds have not been weather tested as they are unlikely to exceed UK exposure category 800 X shown below:

See pages A08 & A09.

### Alitherm 400 Door Security (PAS 24)

Alitherm 400 door standard parts are able to achieve PAS24 requirement.

### Alitherm 400 Door U Values

Please refer to the Smart Systems' Document L White Paper or contact the Technical Department.

## Specification

### GLAZING

All beads are cut to suit the glazing aperture on the fully assembled door for glazing either at factory or on site as required.

### INTERNALLY BEADED GLAZING

Glazing beads are fitted to openings by cutting the horizontal beads square to head and cill of each sash and reverse adaptor area. Vertical beads are cut square at both ends. Insert bottom beads and two setting blocks to ensure glass will be centralized in vertical dimension of opening (glazing blocks must be full width of cavity to fully support glass or sealed unit), then insert top bead followed by side beads. Finish glazing by insertion of internal gaskets all round.

## Specification

### Kitemark™ Certificate

Aluminium Alloy Residential Door System (Slam lock/Key wind/Lift lever)

BS 6375:2016 / PAS 24:2016 - General and enhanced security performance requirements for door assemblies.

#### Profiles:

Outer Frame: ETD402, 404, 410, 412, 490, 491, 492, 493, 495, 496, 497, 499

Sash: ETD4202, 4203, 4204, 4205, 422, 424, 446, 448

Mid-rail: ETD430, 4301, 4302, 432

#### Hardware:

Locking: ACUL272, ACUL273, ACUL280, ACUL281, ACUL282, ACUL283, ACUL360, ACUL361, ACUL362, ACUL363, ACUL263, ACUL374, ACUL375, ACUL377, ACUL378, ACUL380, ACUL381, ACUL382, ACUL383, ACUL390, ACDV737, ACDV738, ACDV742, ACDV744, ACPD884, ACPD846, ACPD847, ACPD848, ACPD849

Hinges: ACUL250, ACUL260

Hinge Protectors: ACET252 (not required for PAS24)

Handle: All handles listed in manual

Cylinder: ACCY3560NKS3, ACCY6035NKS3, ACCY3560NKTTS3, ACCY6035NKTTS3

#### Size Limitations And Performance Characteristics

| Door Type                                 | Leaf Width (mm) - Maximum | Leaf Height (mm) - Maximum | Air Permeability Classification | Watertightness Classification | Resistance To Wind Classification | Exposure Category As Given In Table 1 Of BS6375-1:2009 |
|-------------------------------------------|---------------------------|----------------------------|---------------------------------|-------------------------------|-----------------------------------|--------------------------------------------------------|
| Double Leaf Open In Full Frame            | 1100                      | 2400                       | Class 2 Air                     | Class 3A Water                | C3                                | 1200                                                   |
| Double Leaf Open Out Full Frame           | 1100                      | 2400                       | Class 2 Air                     | Class 9A Water                | A3                                | 1200                                                   |
| Double Leaf Open In Low Rebate Threshold  | 1100                      | 2400                       | Class 3 Air                     | Class 3A Water                | A3                                | 1200                                                   |
| Double Leaf Open Out Low Rebate Threshold | 1100                      | 2400                       | Class 2 Air                     | Class 4A Water                | C3                                | 1200                                                   |

## Specification

### Kitemark™ Certificate

Aluminium Alloy Residential Door System (Lift Lever with cams)

BS 6375:2016 / PAS 24:2016 - General and enhanced security performance requirements for door assemblies.

#### Profiles:

Outer Frame: ETD402, 404, 410, 412, 490, 491, 492, 493, 495, 496, 497, 499

Sash: ETD4202, 4203, 4204, 4205, 422, 424, 445, 447

Mid-rail: ETD430, 4301, 4302, 432

#### Hardware:

Locking: ACUL267, ACUL268, ACUL276, ACUL277, ACUL278, ACUL279

Hinges: ACUL250, ACUL260

Hinge Protectors: ACET252 (not required for PAS24)

Handle: All handles listed in manual

Cylinder: ACCY3560NKS3, ACCY6035NKS3, ACCY3560NKTT3, ACCY6035NKTT3

### Size Limitations And Performance Characteristics

| Door Type                                 | Leaf Width (mm) - Maximum | Leaf Height (mm) - Maximum | Air Permeability Classification | Watertightness Classification | Resistance To Wind Classification | Exposure Category As Given In Table 1 Of BS6375-1:2009 |
|-------------------------------------------|---------------------------|----------------------------|---------------------------------|-------------------------------|-----------------------------------|--------------------------------------------------------|
| Double Leaf Open In Full Frame            | 1100                      | 2400                       | Class 4 Air                     | Class 3A Water                | C3                                | AB2400                                                 |
| Double Leaf Open Out Full Frame           | 1100                      | 2400                       | Class 4 Air                     | Class E 1050 Water            | C3                                | AE2400                                                 |
| Double Leaf Open In Low Rebate Threshold  | NOT TESTED                |                            |                                 |                               |                                   |                                                        |
| Double Leaf Open Out Low Rebate Threshold |                           |                            |                                 |                               |                                   |                                                        |

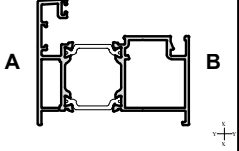
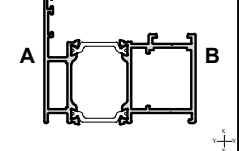
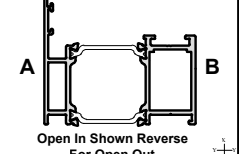
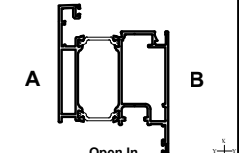
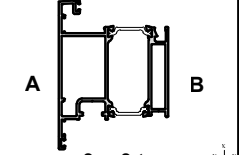
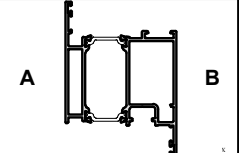
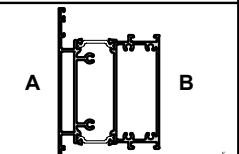
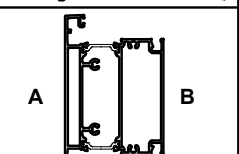
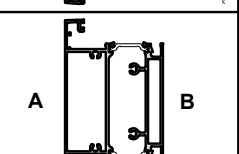
# Alitherm 400 Stepped Door

PROFILES : SPECIFICATION PAGES

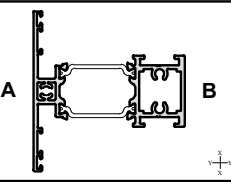
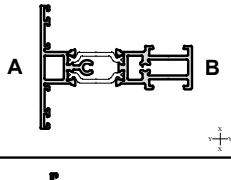
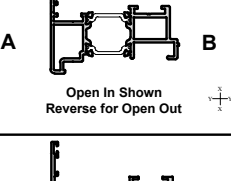
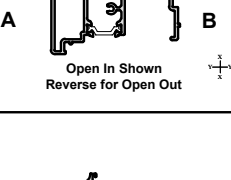
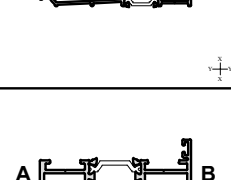
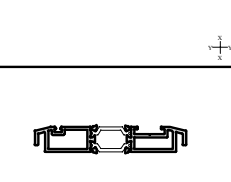
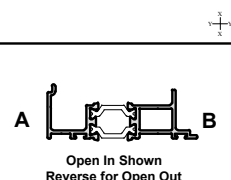
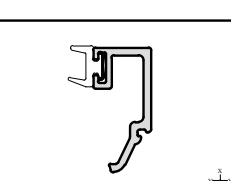
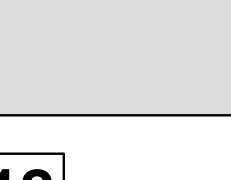
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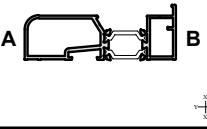
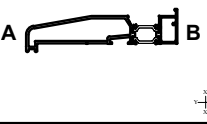
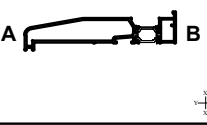
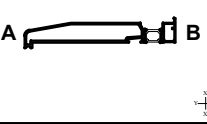
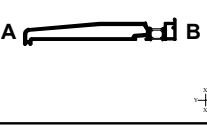
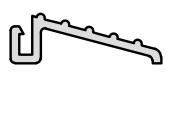
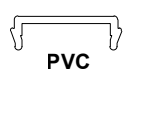
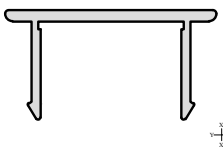
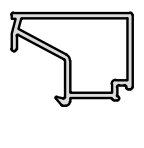
PROFILES : TECHNICAL INFORMATION

| Number  | Picture                                                                             | Page | Perim.<br>mm | Mec.<br>mm | lx(cm4)<br>wx(cm3)     | ly(cm4)<br>wy(cm3)      | Length | Pack<br>pr.               | MF | SA                                                                                                      | KL | HP | M |
|---------|-------------------------------------------------------------------------------------|------|--------------|------------|------------------------|-------------------------|--------|---------------------------|----|---------------------------------------------------------------------------------------------------------|----|----|---|
| ETD402  |    | A18  | 378          | 144.8      | 34.66<br>----<br>8.75  | 12.59<br>----<br>4.75   | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETD404  |    | A18  | 420          | 105.4      | 34.65<br>—<br>9.05     | 12.26<br>—<br>5.22      | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETD410  |    | A17  | 404          | 114.2      | 36.73<br>—<br>9.77     | 12.14<br>—<br>5.04      | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETD4204 |   | A19  | 481          | 174.6      | 52.01<br>----<br>14.41 | 43.33<br>----<br>9.59   | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETD4205 |  | A19  | 471          | 173.6      | 50.53<br>----<br>13.06 | 42.55<br>----<br>9.41   | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETD424  |  | A20  | 559          | 163.7      | 50.15<br>—<br>14.17    | 37.54<br>—<br>7.82      | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETD430  |  | A26  | 711          | 203.7      | 63.34<br>—<br>16.20    | 81.07<br>—<br>14.00     | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETD4301 |  | A24  | 512          | 218.7      | 61.58<br>----<br>15.24 | 100.49<br>----<br>17.33 | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETD4302 |  | A25  | 513          | 218.7      | 65.13<br>----<br>18.45 | 99.66<br>----<br>17.18  | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
|         |                                                                                     |      |              |            |                        |                         |        | A = Outside<br>B = Inside |    | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>M = Dual Colour |    |    |   |

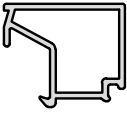
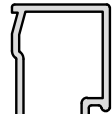
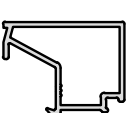
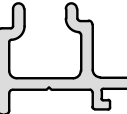
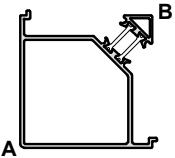
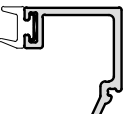
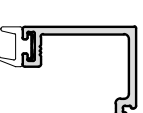
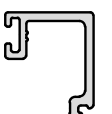
## PROFILES : TECHNICAL INFORMATION

| Number              | Picture                                                                                                                      | Page | Perim.<br>mm | Mec.<br>mm | lx(cm4)<br>wx(cm3)    | ly(cm4)<br>wy(cm3)   | Length | Pack<br>pr. | MF                        | SA | KL                                                                                                      | HP | M |
|---------------------|------------------------------------------------------------------------------------------------------------------------------|------|--------------|------------|-----------------------|----------------------|--------|-------------|---------------------------|----|---------------------------------------------------------------------------------------------------------|----|---|
| ETD432              |                                             | A27  | 414          | 124.5      | 41.48<br>---<br>10.78 | 11.37<br>---<br>3.07 | 6.5    | 1           | ✓                         | ✓  | ✓                                                                                                       | ✓  | ✓ |
| ETD433              |                                             | A27  | 402          | 89.8       | 29.52<br>---<br>7.17  | 4.96<br>---<br>1.75  | 6.5    | 1           | ✓                         | ✓  | ✓                                                                                                       | ✓  | ✓ |
| ETD447              | <br>Open In Shown<br>Reverse for Open Out   | A23  | 419          | 100.2      | 35.85<br>---<br>8.28  | 8.67<br>---<br>3.5   | 6.5    | 1           | ✓                         | ✓  | ✓                                                                                                       | ✓  | ✓ |
| ETD448              | <br>Open In Shown<br>Reverse for Open Out  | A23  | 526          | 125.5      | 51.81<br>---<br>10.34 | 13.04<br>---<br>4.43 | 6.5    | 1           | ✓                         | ✓  | ✓                                                                                                       | ✓  | ✓ |
| ETD490              |                                           | A21  | 335          | 64.7       | 44.19<br>---<br>8.28  | 1.45<br>---<br>1.56  | 6.5    | 1           | ✓                         | ✓  |                                                                                                         |    |   |
| ETD492              |                                           | A21  | 282          | 41.2       | 18.63<br>---<br>5.05  | 0.98<br>---<br>1.05  | 6.5    | 1           | ✓                         | ✓  |                                                                                                         |    |   |
| ETD495              |                                           | A22  | 295          | 78         | 33.27<br>---<br>7.36  | 1.06<br>---<br>1.29  | 6.5    | 1           | ✓                         | ✓  |                                                                                                         |    |   |
| ETD496              | <br>Open In Shown<br>Reverse for Open Out | A22  | 282          | 26.2       | 10.64<br>---<br>3.07  | 0.92<br>---<br>1.07  | 6.5    | 1           | ✓                         | ✓  | ✓                                                                                                       | ✓  | ✓ |
| ETC4179G<br>ETC4179 |                                           | A28  | 104          | 29         | -<br>---<br>-         | -<br>---<br>-        | 6.5    | 1           | ✓                         | ✓  | ✓                                                                                                       | ✓  |   |
|                     |                                                                                                                              |      |              |            |                       |                      |        |             | A = Outside<br>B = Inside |    | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>M = Dual Colour |    |   |

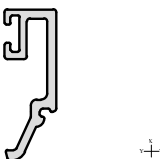
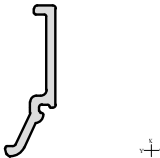
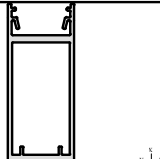
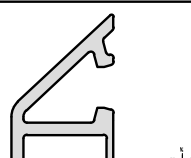
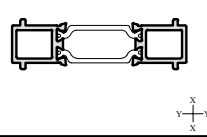
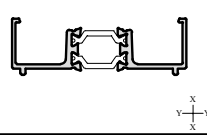
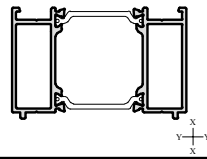
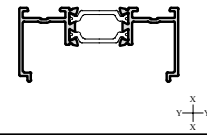
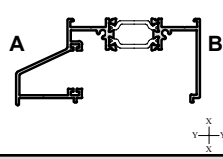
## PROFILES : TECHNICAL INFORMATION

| Number  | Picture                                                                             | Page | Perim.<br>mm | Mec.<br>mm | lx(cm4)<br>wx(cm3)   | ly(cm4)<br>wy(cm3) | Length | Pack<br>pr.               | MF | SA                                                                                                      | KL | HP | M |
|---------|-------------------------------------------------------------------------------------|------|--------------|------------|----------------------|--------------------|--------|---------------------------|----|---------------------------------------------------------------------------------------------------------|----|----|---|
| ETC451  |    | A35  | 271          | 180        | 32.44<br>—<br>7.29   | 3.46<br>—<br>2.79  | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETC452  |    | A35  | 414          | 382        | 122.46<br>—<br>18.03 | 6.01<br>—<br>3.34  | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETC457  |    | A35  | 444          | 412        | 163.27<br>—<br>21.60 | 6.79<br>—<br>3.73  | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETC458  |   | A36  | 524          | 492        | 313.62<br>—<br>32.63 | 8.87<br>—<br>4.79  | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| ETC479N |  | A36  | 594          | 559        | 501.64<br>—<br>44.04 | 9.72<br>—<br>5.34  | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| EUD03   |  | A22  | 113          | 39         | -<br>-----<br>-      | -<br>-----<br>-    | 4      | 1                         | ✓  | ✓                                                                                                       |    |    |   |
| PCX47   |  | A20  | 43.4         | ---        | -<br>---<br>-        | -<br>---<br>-      | 6.5    | 1                         |    |                                                                                                         |    |    |   |
| SR014   |  | A33  | 110.4        | 31.7       | -<br>---<br>-        | -<br>---<br>-      | 7      | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UL062   |  | A30  | 115          | 49         | -<br>---<br>-        | -<br>---<br>-      | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
|         |                                                                                     |      |              |            |                      |                    |        | A = Outside<br>B = Inside |    | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>M = Dual Colour |    |    |   |

## PROFILES : TECHNICAL INFORMATION

| Number              | Picture                                                                             | Page | Perim.<br>mm | Mec.<br>mm | lx(cm4)<br>wx(cm3)  | ly(cm4)<br>wy(cm3) | Length | Pack<br>pr.               | MF | SA                                                                                                      | KL | HP | M |
|---------------------|-------------------------------------------------------------------------------------|------|--------------|------------|---------------------|--------------------|--------|---------------------------|----|---------------------------------------------------------------------------------------------------------|----|----|---|
| UL067               |    | A30  | 110          | 46         | -<br>---            | -<br>---           | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UL068               |    | A30  | 101          | 40         | -<br>---            | -<br>---           | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UL069               |    | A30  | 87           | 48         | -<br>---            | -<br>---           | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UL078               |    | A30  | 120          | 51.9       | -<br>---            | -<br>---           | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UL297               |  | A21  | 106          | 12         | -<br>---            | -<br>---           | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UN3010              |  | A32  | 369          | 226        | 41.4<br>---<br>10.7 | 40<br>---<br>11.6  | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| UN3160G<br>UN3160   |  | A28  | 120          | 39         | -<br>---            | -<br>---           | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UN3162NG<br>UN3162N |  | A28  | 105          | 41         | -<br>---            | -<br>---           | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UN3164              |  | A29  | 112          | 33         | -<br>---            | -<br>---           | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
|                     |                                                                                     |      |              |            |                     |                    |        | A = Outside<br>B = Inside |    | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>M = Dual Colour |    |    |   |

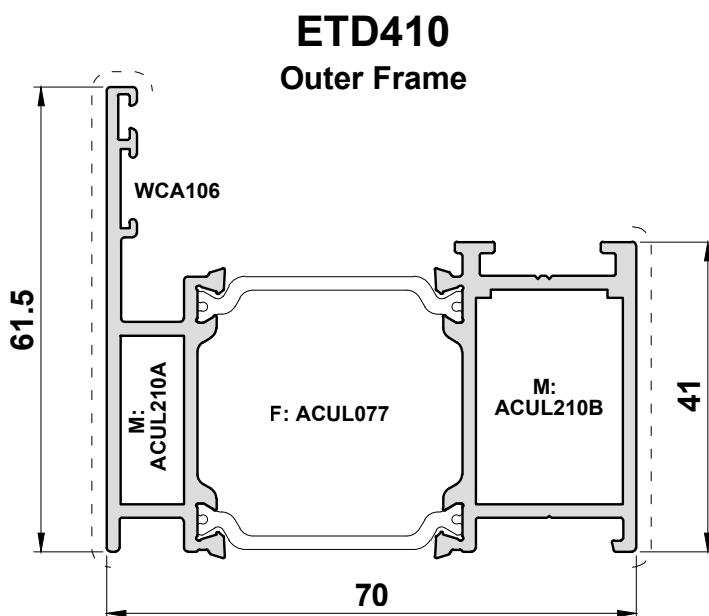
PROFILES : TECHNICAL INFORMATION

| Number          | Picture                                                                             | Page | Perim.<br>mm | Mec.<br>mm | Ix(cm4)<br>wx(cm3)   | Iy(cm4)<br>wy(cm3)  | Length | Pack<br>pr.               | MF | SA                                                                                                      | KL | HP | M |
|-----------------|-------------------------------------------------------------------------------------|------|--------------|------------|----------------------|---------------------|--------|---------------------------|----|---------------------------------------------------------------------------------------------------------|----|----|---|
| UN3166          |    | A29  | 99.5         | 30.6       | -<br>-               | -<br>-              | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UN3168          |    | A29  | 99.5         | 30.6       | -<br>-               | -<br>-              | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UN514           |    | A33  | 282.7        | 157.1      | 35.14<br>8.74        | 8.86<br>5.47        | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UN079<br>(VL72) |   | A20  | 99.5         | 30.6       | -<br>-               | -<br>-              | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  |   |
| UN3015          |  | A31  | 214.5        | 56         | 18.1<br>---<br>5.2   | 1<br>---<br>1       | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| UN3020          |  | A31  | 281.6        | 70.4       | 14.8<br>---<br>4.2   | 0.9<br>---<br>1     | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| UN3042          |  | A31  | 288          | 111        | 31.2<br>---<br>8.9   | 9.5<br>---<br>4.3   | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| UN3370          |  | A32  | 360          | 61         | 18.4<br>---<br>5.26  | 2.15<br>---<br>1.97 | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
| UN3570          |  | A34  | 545          | 140        | 47.47<br>---<br>9.53 | 9.26<br>---<br>4.87 | 6.5    | 1                         | ✓  | ✓                                                                                                       | ✓  | ✓  | ✓ |
|                 |                                                                                     |      |              |            |                      |                     |        | A = Outside<br>B = Inside |    | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>M = Dual Colour |    |    |   |

BLANK PAGE

Primary Visible Side

Secondary Visible Side



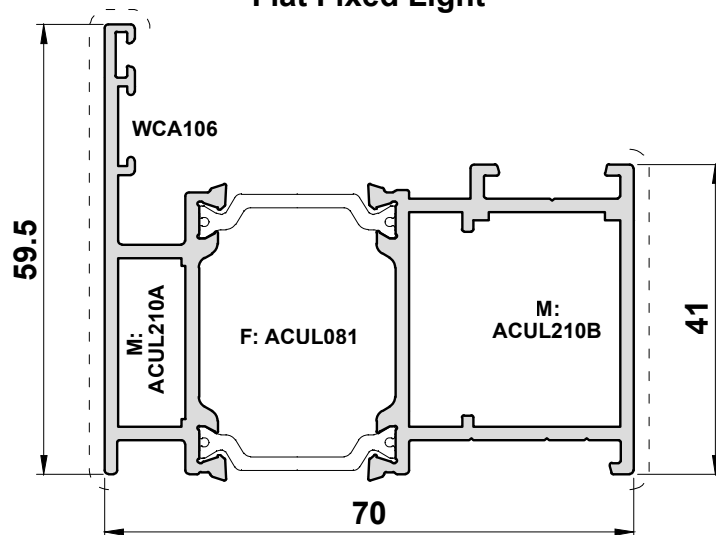
Scale 1:1

Primary Visible Side

Secondary Visible Side

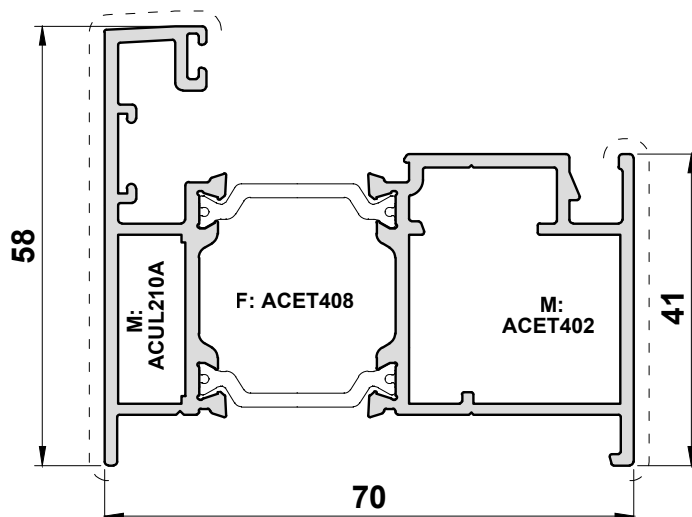
## ETD404

Flat Fixed Light



## ETD402

Quick-Glaze Angled  
Fixed Light



Scale 1:1

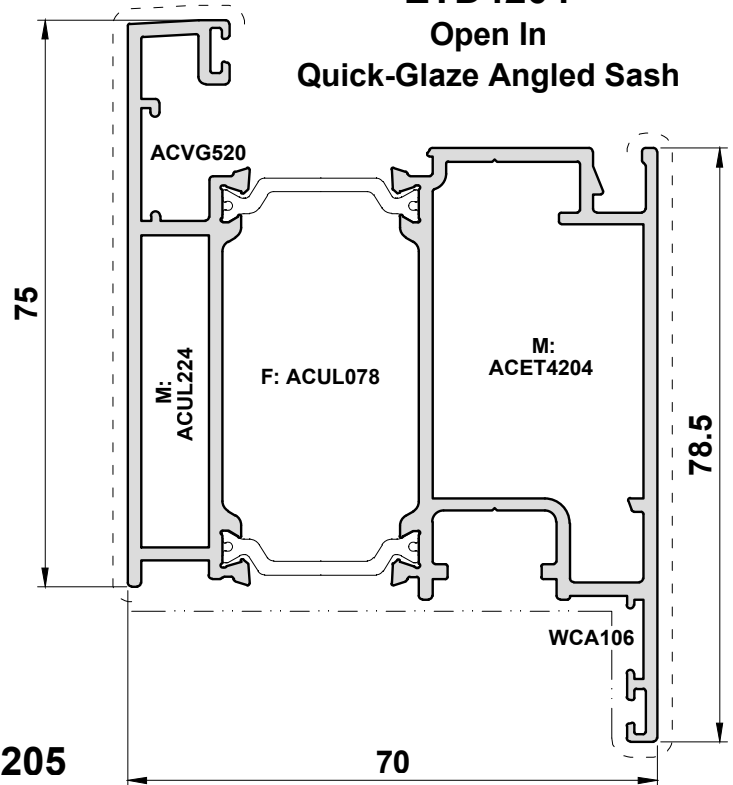


Primary Visible Side

Secondary Visible Side

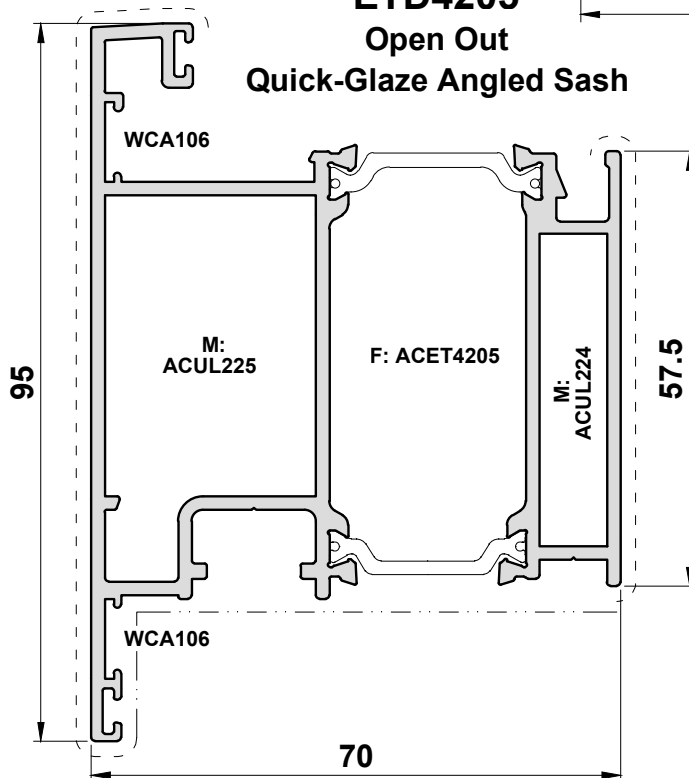
**ETD4204**

**Open In  
Quick-Glaze Angled Sash**



**ETD4205**

**Open Out  
Quick-Glaze Angled Sash**

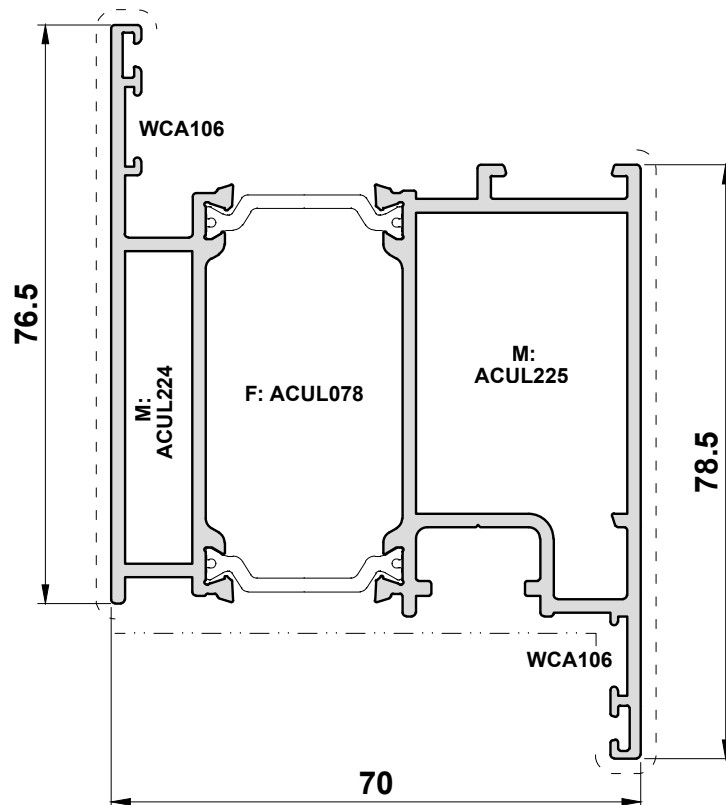


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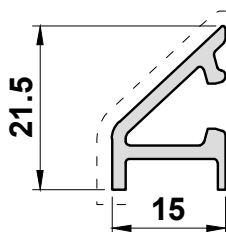
Primary Visible Side

Secondary Visible Side

## ETD424 Open In Flat Sash

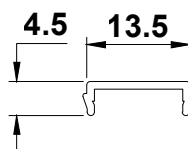


## UN079 (VL72) Weather Drip



End Cap: ACVL059  
Rivet: ACVL061

## PCX47 PVC Infill



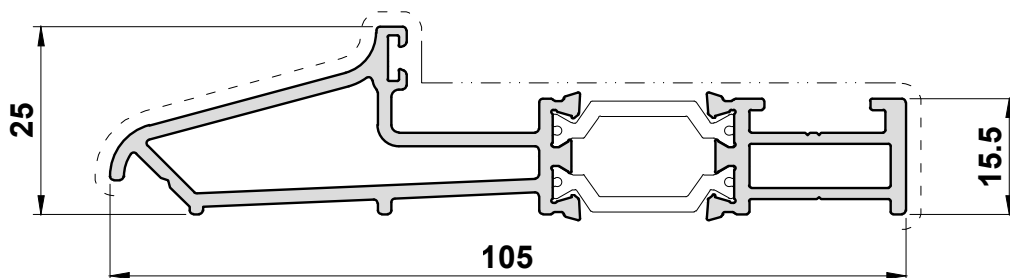
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Primary Visible Side

Secondary Visible Side

## ETD490

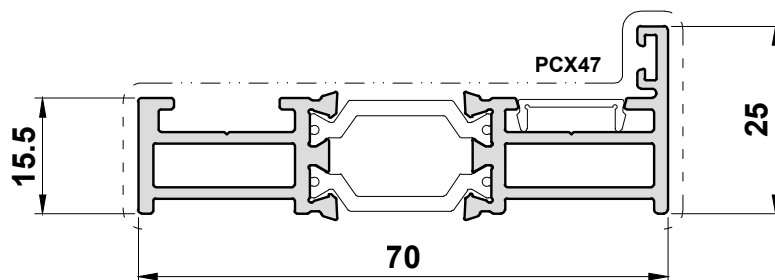
Open In Low Threshold



End Cap: ACET4190

## ETD492

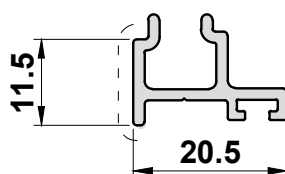
Open Out Low Threshold



End Cap: ACET4192

## UL297

Low Threshold Adaptor



End Cap: ACET4197

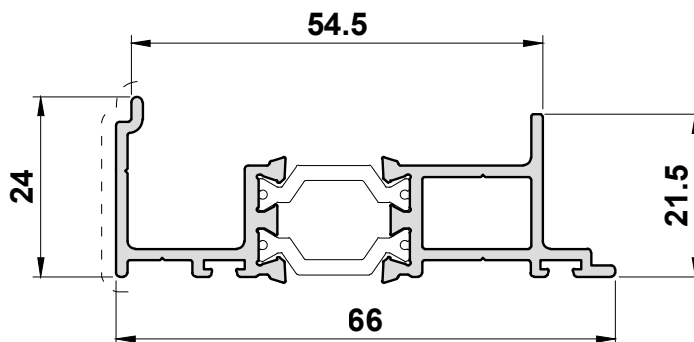
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Primary Visible Side

Secondary Visible Side

## ETD496

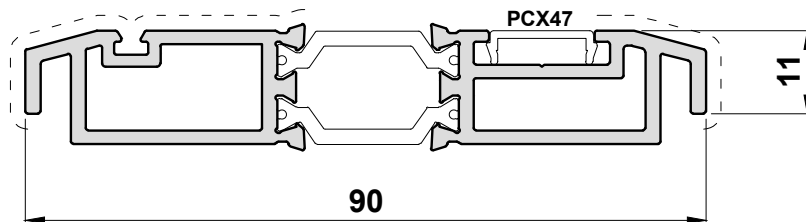
### Door Threshold Ramp Adaptor



End Cap: ACET4196

## ETD495

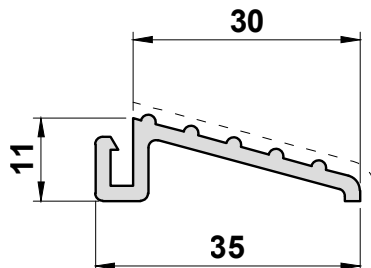
### Door Threshold Ramp



End Cap: ACET4195

## EUD03

### Ramp



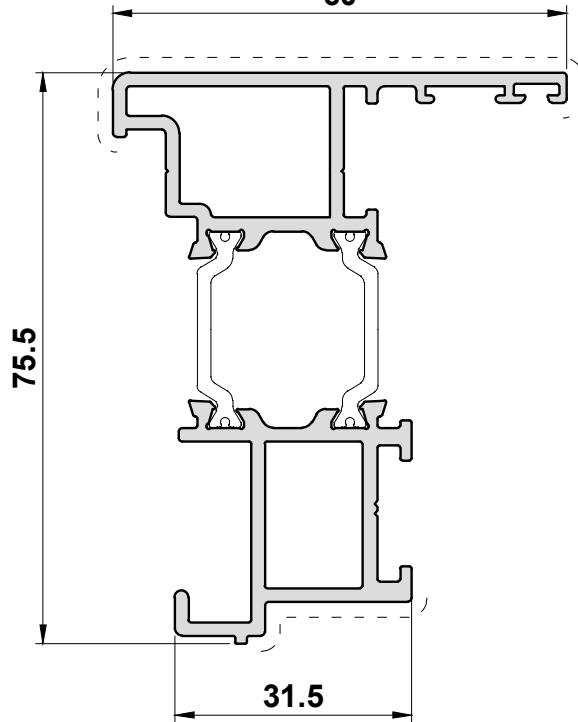
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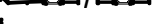
Primary Visible Side

Secondary Visible Side

**ETD447**

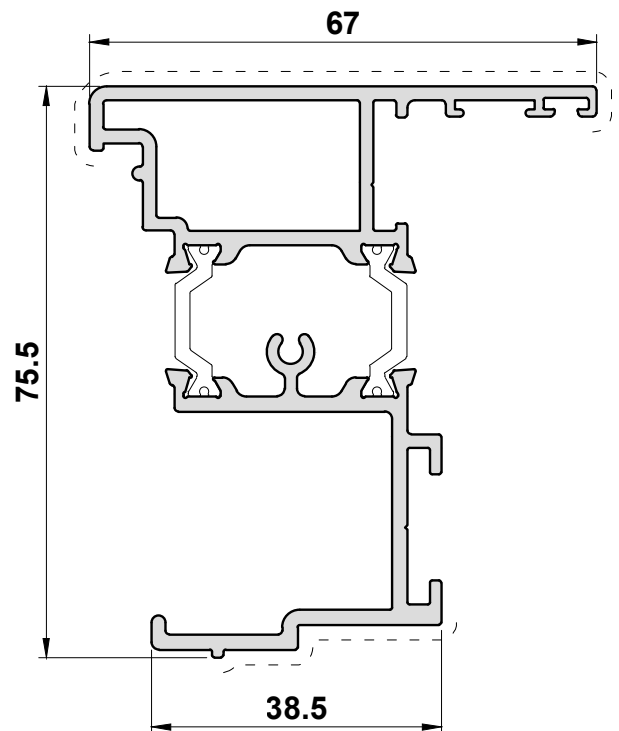
**Double Door Meeting Stile**  
**60**



End Cap: ACET4142   
ACET4146 /  
ACET4147 

**ETD448**

**Double Door Meeting Stile**  
**67**



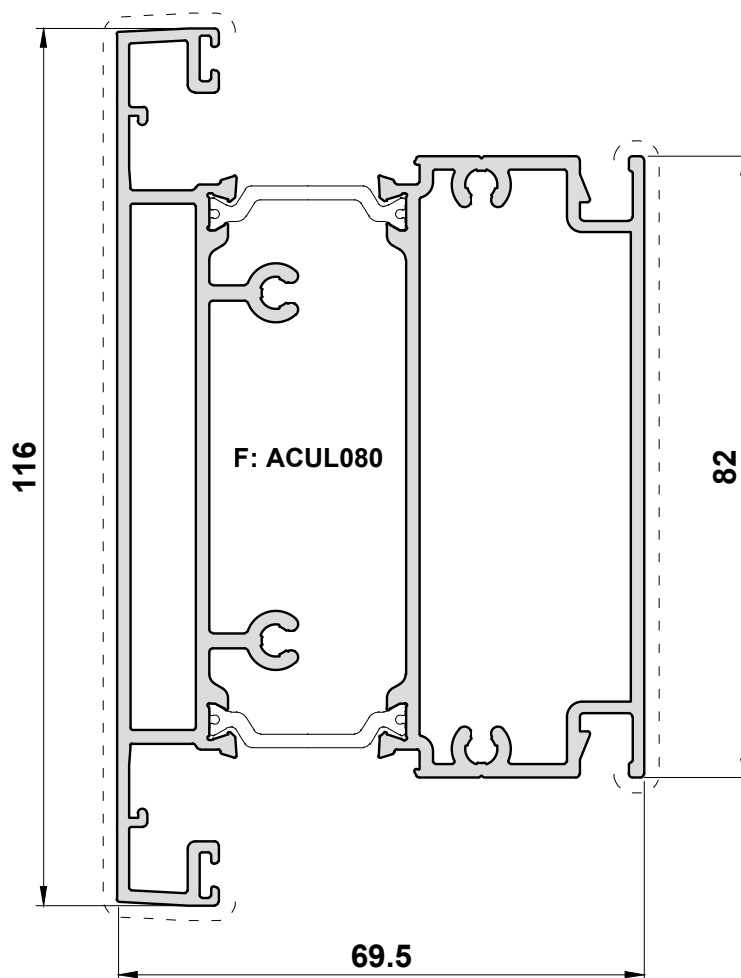
End Cap: ACET4143   
ACET4145 /  
ACET4148 

Scale 1:1

Primary Visible Side

Secondary Visible Side

**ETD4301**  
**Open In**  
**Quick-Glaze Angled Midrail**

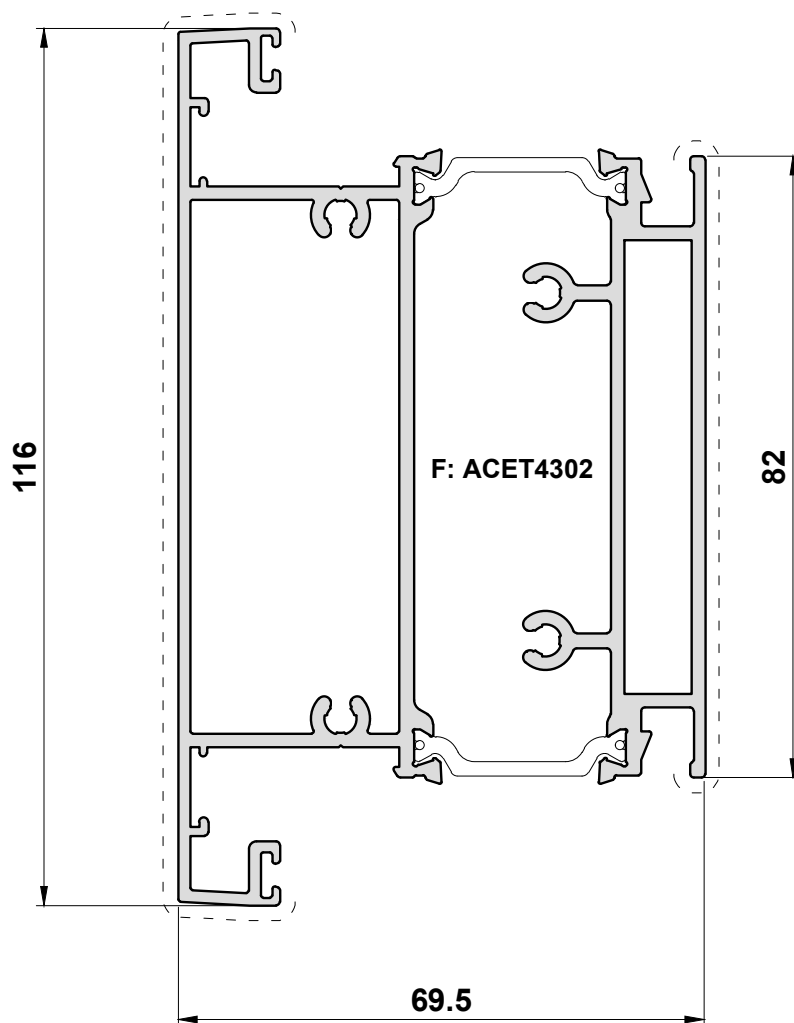


Scale 1:1

Primary Visible Side

Secondary Visible Side

**ETD4302**  
Open Out  
Quick-Glaze Angled Midrail



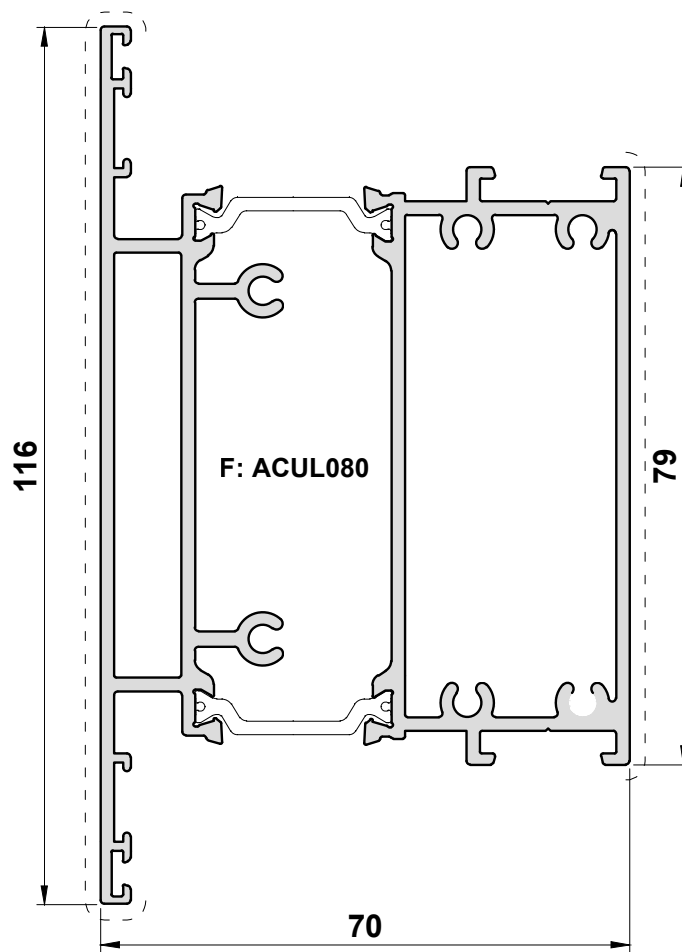
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Primary Visible Side

Secondary Visible Side

**ETD430**

Flat Midrail



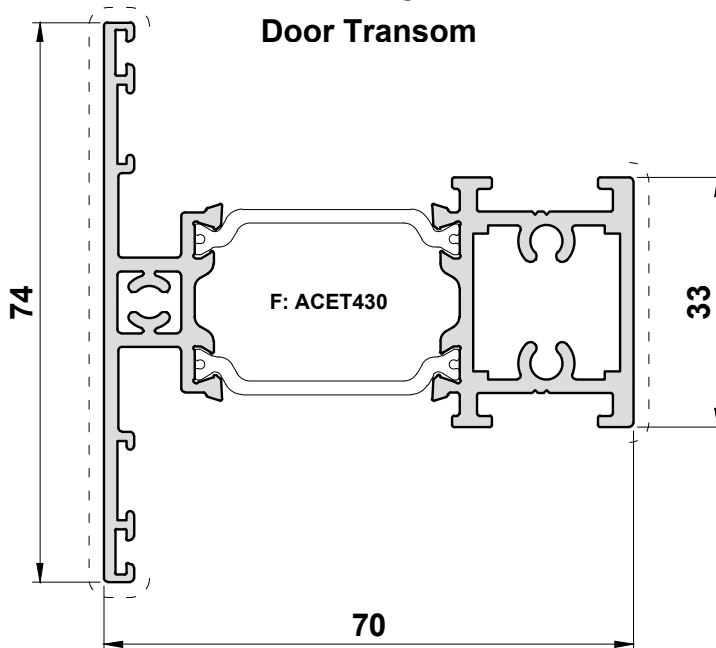
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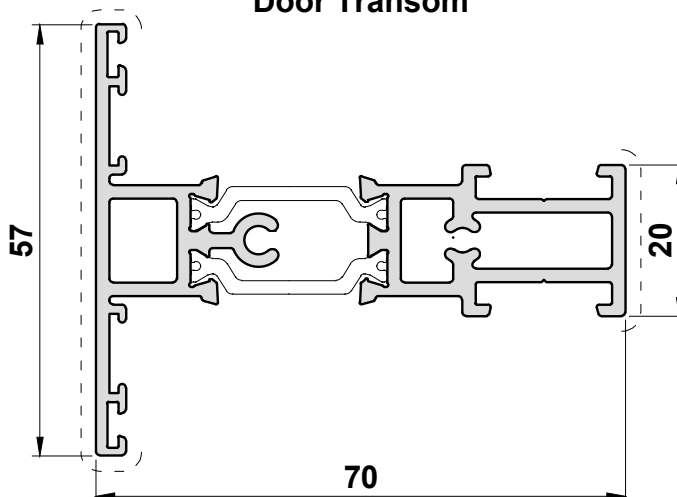
Primary Visible Side

Secondary Visible Side

**ETD432**  
Door Transom



**ETD433**  
Door Transom

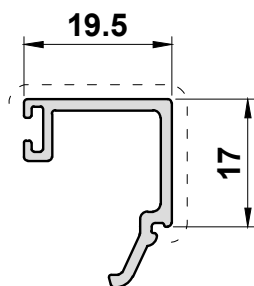


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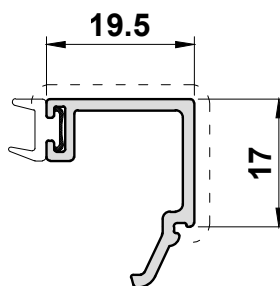
Primary Visible Side

Secondary Visible Side

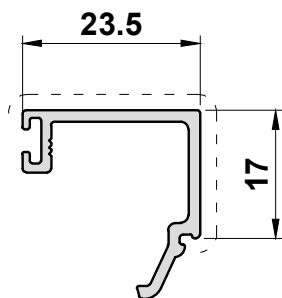
**UN3160**  
28mm Square Bead



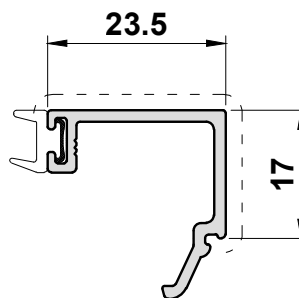
**UN3160G**  
28mm Square Bead  
with Gasket



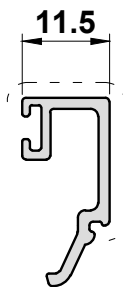
**UN3162N**  
23.5mm Bead



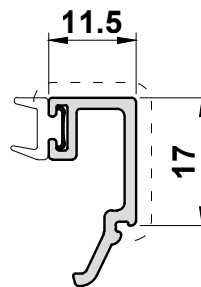
**UN3162NG**  
23.5mm Bead  
with Gasket



**ETC4179**  
11.5mm Bead



**ETC4179G**  
11.5mm Bead  
with Gasket

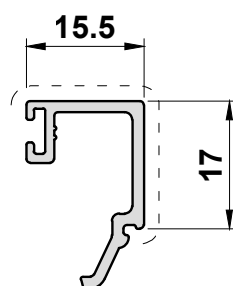


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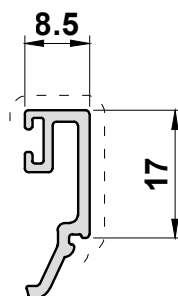
Primary Visible Side

Secondary Visible Side

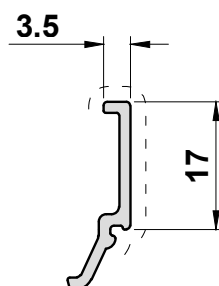
## UN3164 15mm Bead



## UN3166 8.5mm Bead



## UN3168 3.5mm Bead

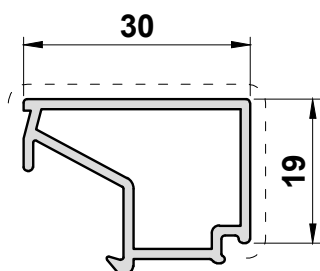


Scale 1:1

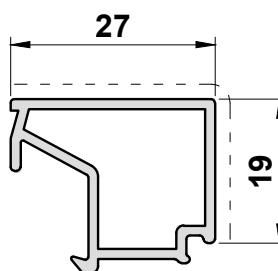
Primary Visible Side

Secondary Visible Side

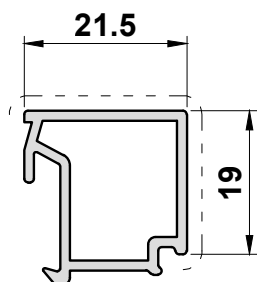
**UL062**  
Glazing Bead



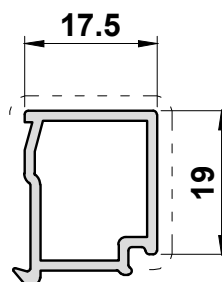
**UL067**  
Glazing Bead



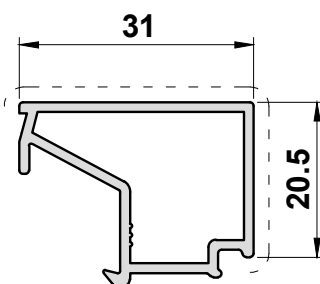
**UL068**  
Glazing Bead



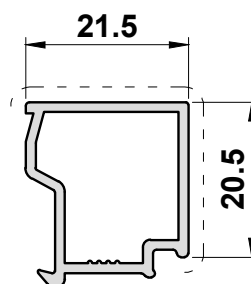
**UL069**  
Glazing Bead



**UL078**  
Glazing Bead



**UL079**  
Glazing Bead

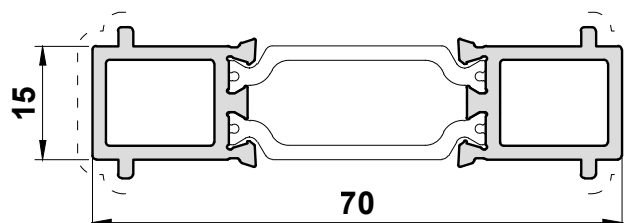


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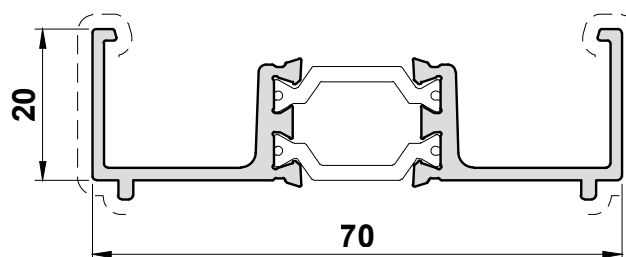
Primary Visible Side

Secondary Visible Side

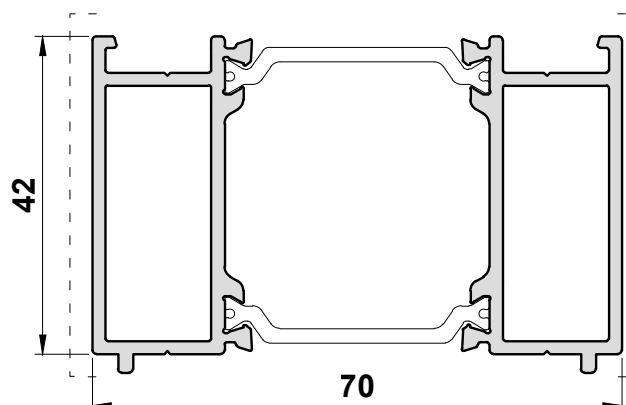
**UN3015**  
70mm x 15mm Coupler



**UN3020**  
70mm x 20mm Frame Extension



**UN3042**  
42 x 70mm Head Extension



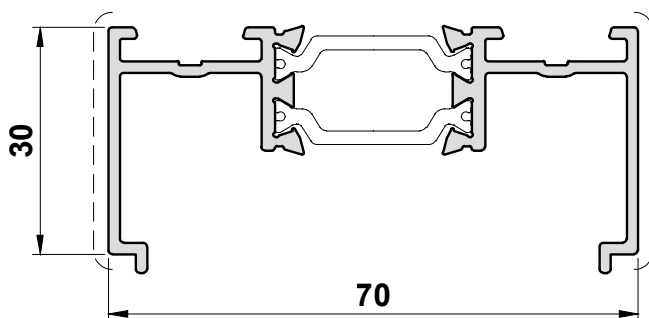
Scale 1:1

Primary Visible Side

Secondary Visible Side

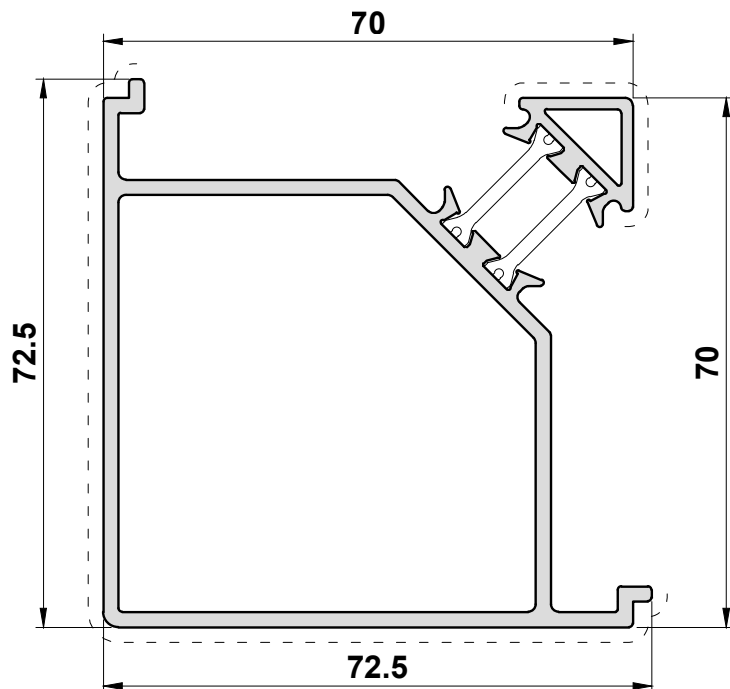
## UN3370

### 30 x 70mm Head Extension



## UN3010

### 90° Corner Post

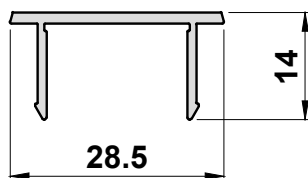


Scale 1:1

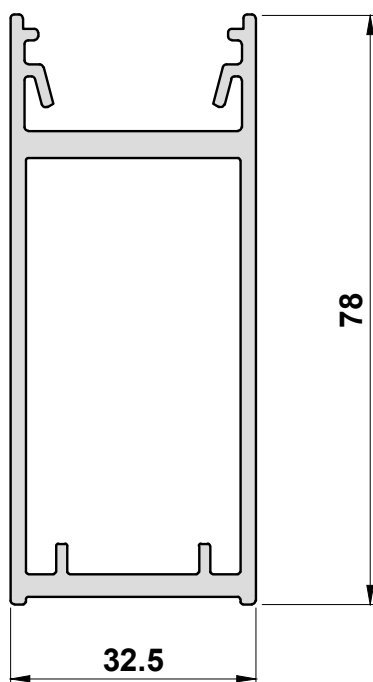
Primary Visible Side

Secondary Visible Side

## SR014 Cover Cap for UN514



## UN514 Re-Inforcement for ETD455

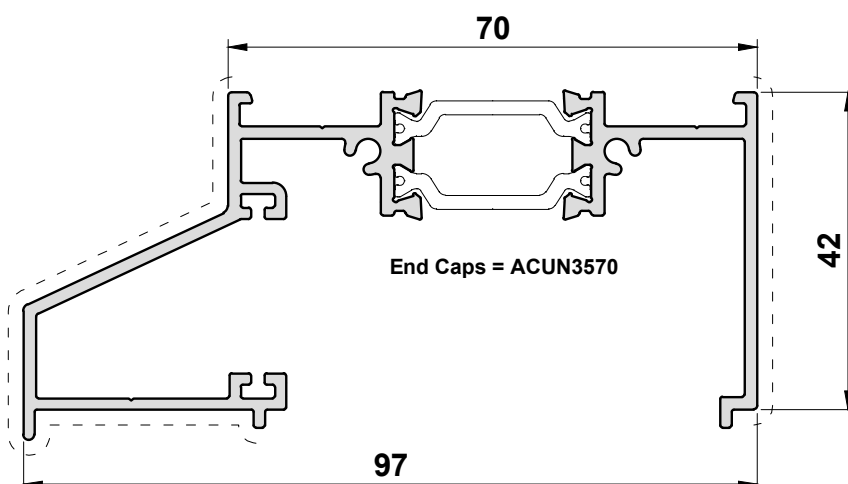


Scale 1:1

Primary Visible Side

Secondary Visible Side

## UN3570 70 x 42mm Hooded Head Extension



Scale 1:1

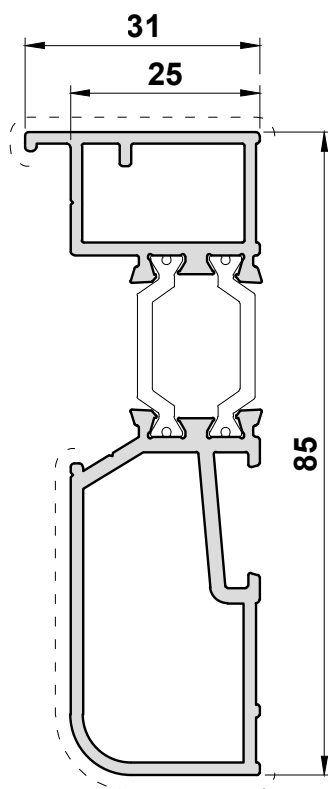


Primary Visible Side

Secondary Visible Side

## ETC451

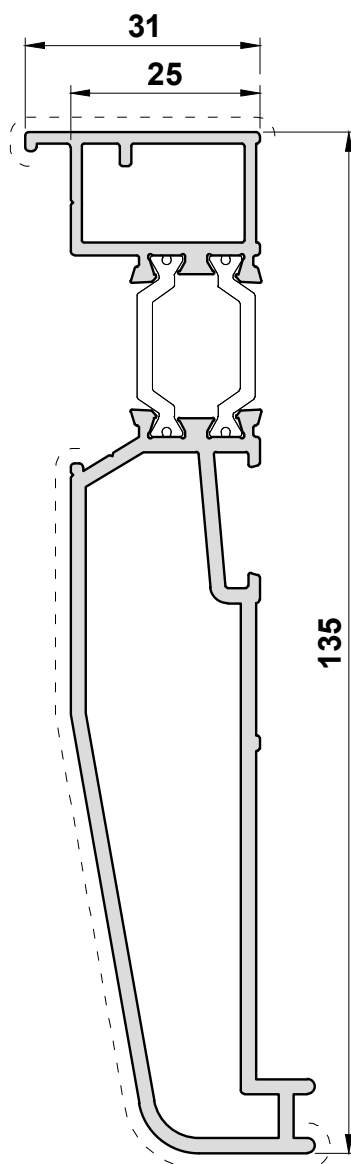
85mm Cill



Cast End Cap: ACET451  
PVC End Cap: ACET178

## ETC452

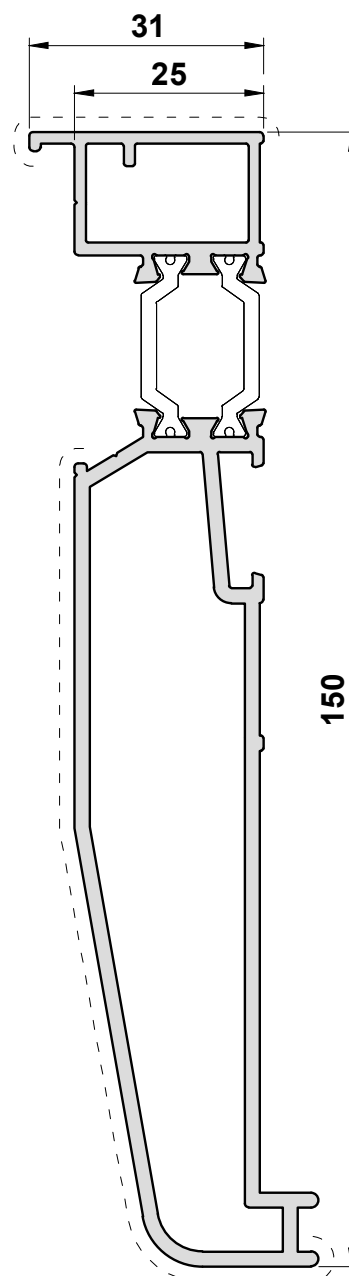
135mm Cill



Cast End Cap: ACET452  
PVC End Cap: ACET152

## ETC457

150mm Cill

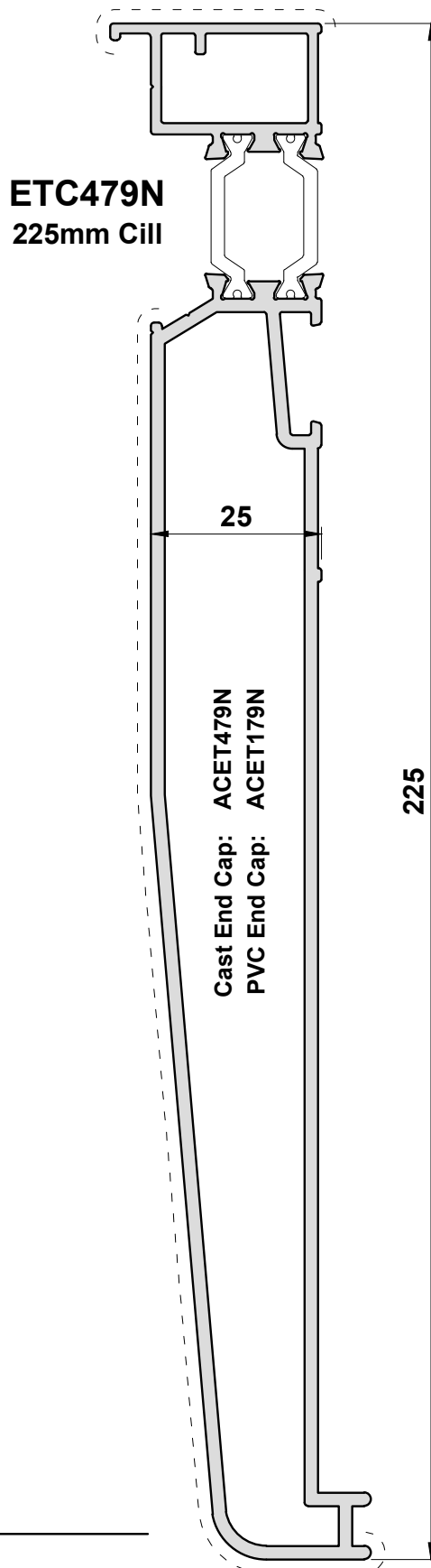
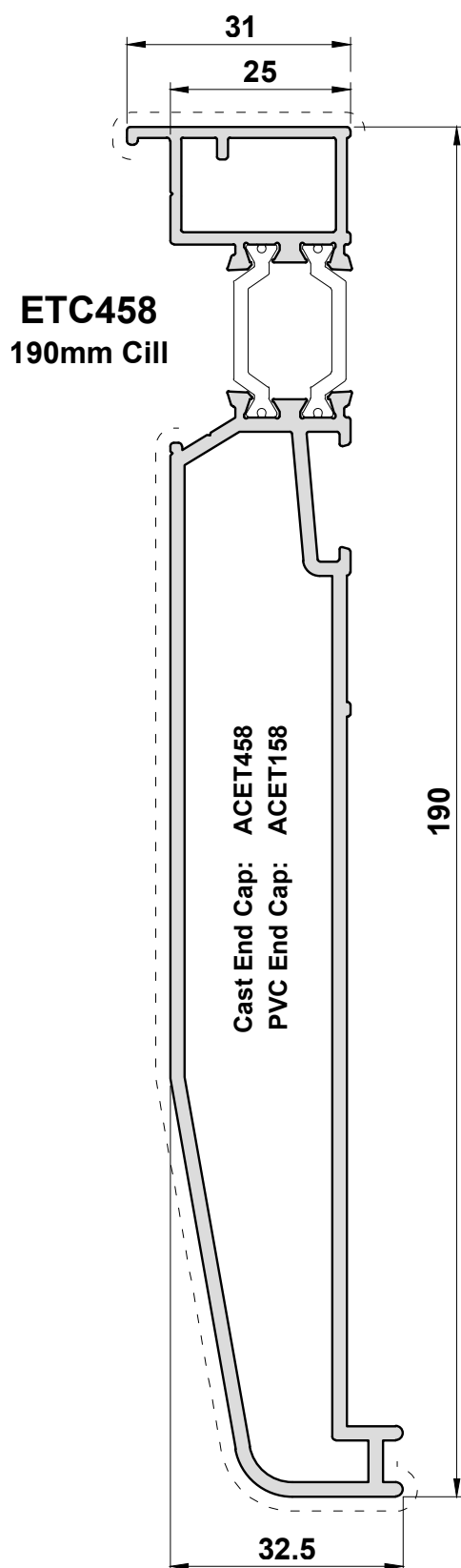


Cast End Cap: ACET457  
PVC End Cap: ACET157

Scale 1:1

Primary Visible Side

Secondary Visible Side

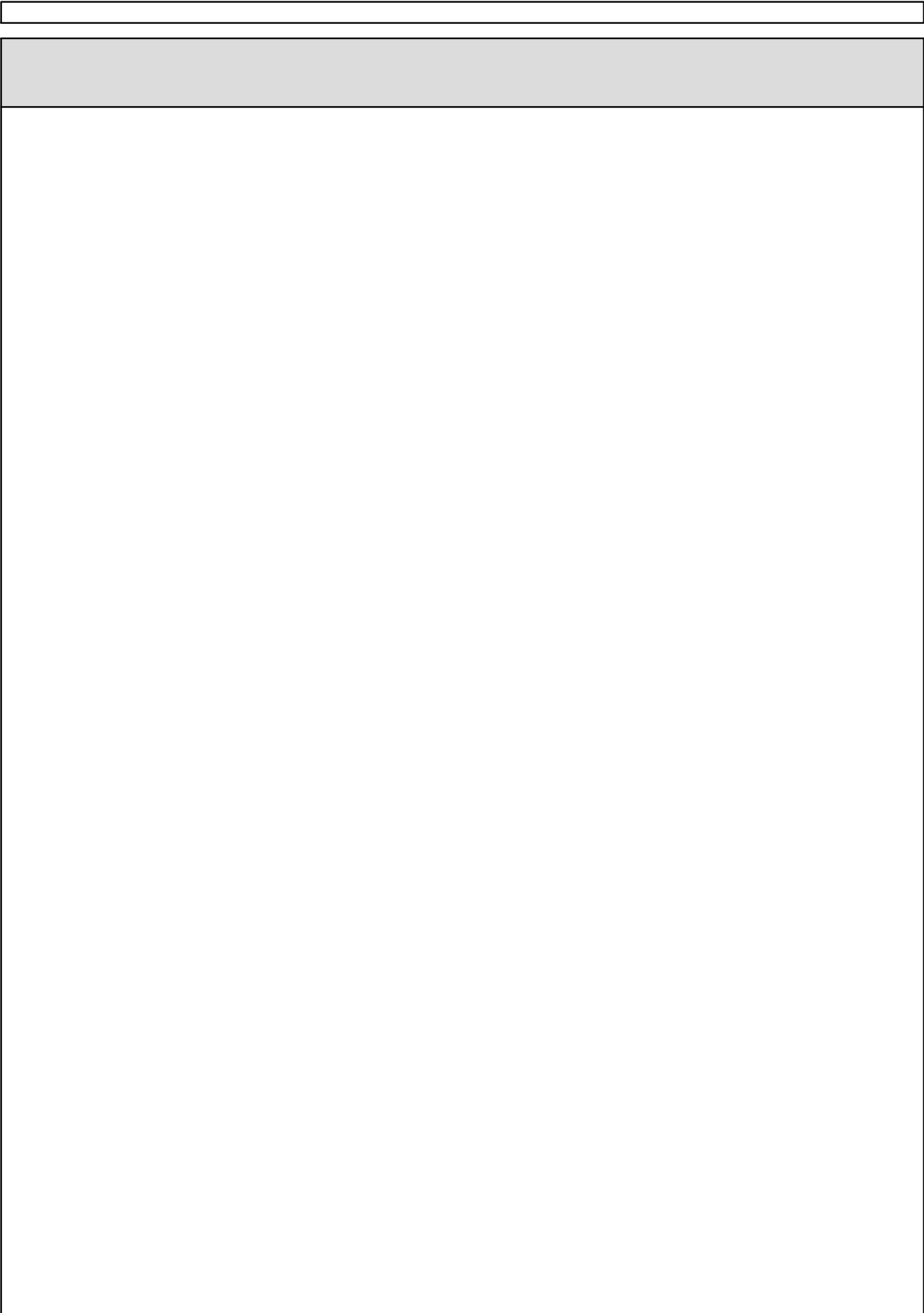


Scale 1:1

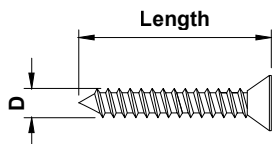
**Section B**

**Accessories**

**Photos & Drawings**



## Countersunk Screws



| Gauge | 'D' (mm) |
|-------|----------|
| No.6  | 3.5      |
| No.7  | 3.8      |
| No.8  | 4        |
| No.10 | 5        |
| No.12 | 6        |

| Part Number | Gauge | X | Length | Description                      | Box Qty. |
|-------------|-------|---|--------|----------------------------------|----------|
| ACUN3530    | No.6  | X | 5/8"   | Countersunk Pozi Self Tapper S/S | 100      |
| MUA025SSZ   | No.6  | X | 1"     | Countersunk Pozi Self Tapper S/S | 100      |
| ACET067     | No.7  | X | 1/2"   | Countersunk Pozi Self Tapper S/S | 100      |
| ACET060     | No.7  | X | 1"     | Countersunk Pozi Self Tapper S/S | 100      |
| ACET066     | No.7  | X | 1 1/2" | Countersunk Pozi Self Tapper S/S | 100      |
| MUA067SSZ   | No.7  | X | 2"     | Countersunk Pozi Self Tapper S/S | 100      |
| ACPD815     | No.7  | X | 3/4"   | Countersunk Pozi Self Tapper S/S | 100      |
| ACET064     | No.8  | X | 5/8"   | Countersunk Pozi Self Tapper S/S | 100      |
| ACUN3512    | No.8  | X | 1 1/4" | Countersunk Pozi Self Tapper S/S | 100      |
| ACUN3513    | No.8  | X | 1 3/4" | Countersunk Pozi Self Tapper S/S | 100      |
| ACET072     | No.8  | X | 2 1/2" | Countersunk Pozi Self Tapper S/S | 100      |
| ACET490     | 4.3mm | X | 16mm   | Countersunk PH2 Polyamide Screw  | 1000     |
| ACET290     | 4.3mm | X | 20mm   | Countersunk PH2 Polyamide Screw  | 100      |
| ACET390     | 4.3mm | X | 25mm   | Countersunk PH2 Polyamide Screw  | 200      |
| ACET190     | 4.3mm | X | 45mm   | Countersunk PH2 Polyamide Screw  | 1000     |
| ACVS062     | 4.3mm | X | 65mm   | Countersunk PH2 Polyamide Screw  | 1000     |
| ACET048     | No.10 | X | 3/8"   | Countersunk Pozi Self Tapper S/S | 100      |
| ACIM062     | No.10 | X | 1 1/4" | Countersunk Pozi Self Tapper S/S | 100      |
| ACET062     | No.10 | X | 2"     | Countersunk Pozi Self Tapper S/S | 100      |
| ACET076     | No.10 | X | 2 1/2" | Countersunk Pozi Self Tapper S/S | 100      |



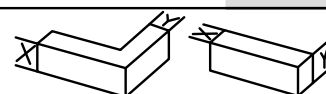
T-BARS  
ACVG66=2.5mm  
ACVG66=3.0mm  
ACVL150=4.0mm



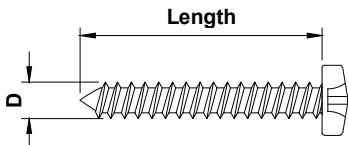
Screw (Grub)

MF = Mill Finish  
SA = Silver Anodised  
KL = Basic Colour  
HP = Special Colour  
SSC = Smooth Satin Chrome  
SMC = Smokey Chrome  
PC = Polished Chrome

WP = White  
BL = Black



## Pan Head Screws



| Gauge | 'D' (mm) |
|-------|----------|
| No.6  | 3.5      |
| No.7  | 3.8      |
| No.8  | 4        |
| No.10 | 5        |
| No.12 | 6        |

| Part Number | Gauge | X | Length | Description                    | Box Qty. |
|-------------|-------|---|--------|--------------------------------|----------|
| ACET068     | No.8  | X | 3/8"   | Pozi Flange AB                 | 100      |
| ACET063     | No.8  | X | 1/2"   | Pan Head Self Tapper           | 100      |
| ACET070     | No.8  | X | 1/2"   | Pozi Flange Self Tapper S/S    | 100      |
| ACUN3535    | No.8  | X | 5/8"   | Pan Head Pozi S/S              | 100      |
| ACET099     | No.8  | X | 3/4"   | Pozi Flange Self Tapper S/S    | 100      |
| ACDR050     | 4.8mm | X | 32mm   | Pan Head Pozi S/S              | 200      |
| PUA028      | No.10 | X | 1"     | Pan Head Pozi S/S              | 100      |
| ACDR052     | No.10 | X | 2"     | Pan Head Self Tapper S/S       | 200      |
| ACET079     | No.10 | X | 2 1/2" | Pan Head Pozi S/S              | 100      |
| ACW20160    | No.12 | X | 1"     | Flange Head Self Tapper S/S    | 100      |
| ACMC109     | 6.3mm | X | 38mm   | DIN7981 - Pan Head Self Tapper | 200      |



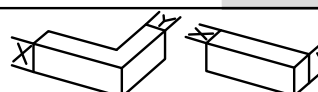
T-BARS  
ACVG65=2.5mm  
ACVG66=3.0mm  
ACVL150=4.0mm



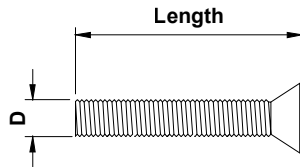
Screw (Grub)

MF = Mill Finish  
SA = Silver Anodised  
KL = Basic Colour  
HP = Special Colour  
SSC = Smooth Satin Chrome  
SMC = Smokey Chrome  
PC = Polished Chrome

WP = White  
BL = Black



## Countersunk Machine Screws



| Thread | 'D' (mm)<br>Nominal |
|--------|---------------------|
| M4     | 4                   |
| M5     | 5                   |
| M6     | 6                   |
| M8     | 8                   |
| M10    | 10                  |

| Part Number | Thread | X | Length | Description                     | Box Qty. |
|-------------|--------|---|--------|---------------------------------|----------|
| ACET122     | M4     | X | 10     | CSK Pozi Machine Screw          | 100      |
| ACET123     | M4     | X | 20     | CSK Pozi Machine Screw          | 100      |
| ACDV264     | M4     | X | 35     | CSK Pozi Machine Screw          | 100      |
| ACSG071     | M4     | X | 40     | CSK Pozi Machine Screw          | 100      |
| ACDV266     | M4     | X | 45     | CSK Pozi Machine Screw          | 100      |
| ACDV262     | M4     | X | 50     | CSK Pozi Machine Screw          | 100      |
| ACDV265     | M4     | X | 60     | CSK Pozi Machine Screw          | 100      |
| ACDR051     | M5     | X | 10     | CSK Pozi Machine Screw          | 100      |
| ACET069     | M5     | X | 12     | CSK Pozi Machine Screw          | 100      |
| HEA132      | M5     | X | 16     | CSK Pozi Machine Screw          | 100      |
| WCA134      | M5     | X | 20     | CSK Pozi Machine Screw          | 100      |
| WCA143      | M5     | X | 25     | CSK Pozi Machine Screw          | 50       |
| ACVS061     | M5     | X | 40     | CSK Pozi Machine Screw          | 100      |
| ACET133     | M5     | X | 50     | CSK Pozi Machine Screw          | 100      |
| ACET220     | M5     | X | 60     | CSK Pozi Machine Screw          | 100      |
| ACET238     | M5     | X | 70     | CSK Pozi Machine Screw          | 100      |
| ACMX861     | M5     | X | 80     | DIN965 - CSK Machine Screw      | 10       |
| ACMX862     | M5     | X | 90     | DIN965 - CSK Machine Screw      | 10       |
| ACUN3503    | M6     | X | 10     | CSK Socket Machine Screw        | 24       |
| ACUN3501    | M6     | X | 13     | CSK Flange Socket Machine Screw | 48       |
| ACMX852     | M6     | X | 16     | DIN965 - CSK Machine Screw      | 10       |
| HEA390      | M6     | X | 16     | CSK Socket Machine Screw        | 32       |
| ACET235     | M6     | X | 60     | CSK Pozi Machine Screw          | 100      |
| ACET237     | M6     | X | 70     | CSK Pozi Machine Screw          | 100      |



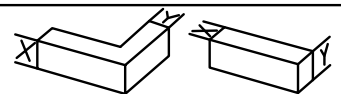
T-BARS  
ACVG66=2.5mm  
ACVG66=3.0mm  
ACVL150=4.0mm



Screw (Grub)

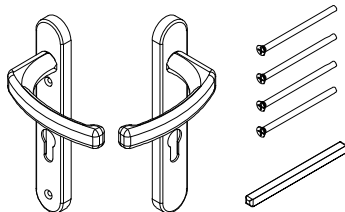
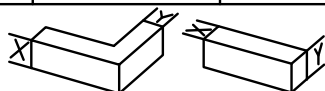
MF = Mill Finish  
SA = Silver Anodised  
KL = Basic Colour  
HP = Special Colour  
SSC = Smooth Satin Chrome  
SMC = Smokey Chrome  
PC = Polished Chrome

WP = White  
BL = Black

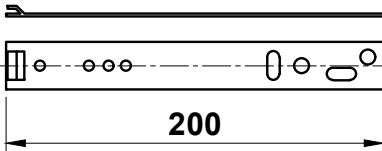
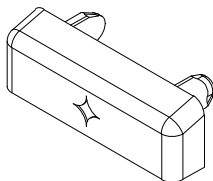
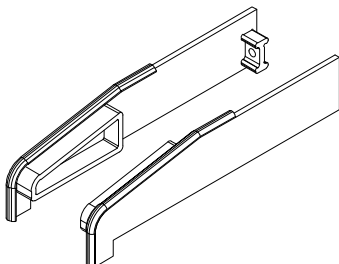
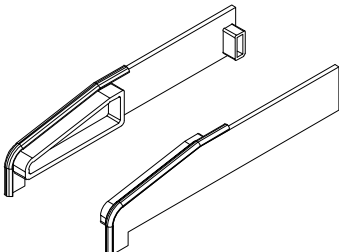
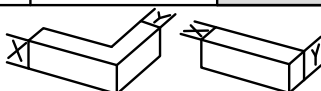


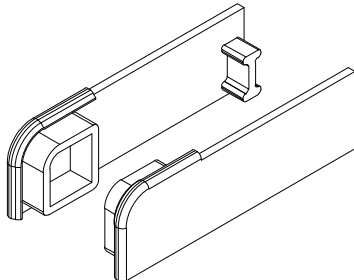
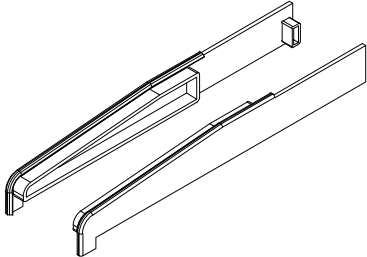
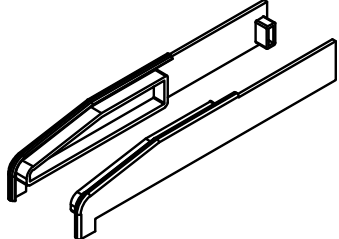
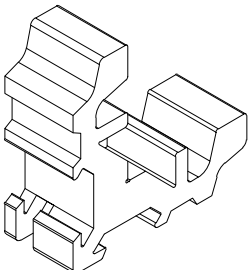
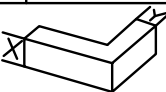
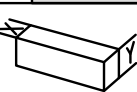
| Image            | Part Code                                                                                                                                                        | Pack                     | Unit | Application | Colour                                 |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------|-------------|----------------------------------------|
|                  | <b>ACCY0035</b><br><br>35mm<br>Euro Profile Half Cylinder                                                                                                        | 1                        | Each |             | MF <input checked="" type="checkbox"/> |
|                  |                                                                                                                                                                  |                          |      |             | SA <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | KL <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | HP <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | SSC <input type="checkbox"/>           |
|                  |                                                                                                                                                                  |                          |      |             | SMC <input type="checkbox"/>           |
|                  |                                                                                                                                                                  |                          |      |             | WP <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | BL <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | PC <input type="checkbox"/>            |
|                  | <b>ACCY3560NKS3</b><br><br>35/60 TS007 3 Star Euro Profile Cylinder<br><br>Supplied with 3 Keys                                                                  | 1                        | Each | Open Out    | MF <input checked="" type="checkbox"/> |
|                  |                                                                                                                                                                  |                          |      |             | SA <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | KL <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | HP <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | SSC <input type="checkbox"/>           |
|                  |                                                                                                                                                                  |                          |      |             | SMC <input type="checkbox"/>           |
|                  |                                                                                                                                                                  |                          |      |             | WP <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | BL <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | PC <input type="checkbox"/>            |
|                  | <b>ACCY6035NKS3</b><br><br>35/60 TS007 3 Star Euro Profile Cylinder<br><br>Supplied with 3 Keys                                                                  | 1                        | Each | Open In     | MF <input checked="" type="checkbox"/> |
|                  |                                                                                                                                                                  |                          |      |             | SA <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | KL <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | HP <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | SSC <input type="checkbox"/>           |
|                  |                                                                                                                                                                  |                          |      |             | SMC <input type="checkbox"/>           |
|                  |                                                                                                                                                                  |                          |      |             | WP <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | BL <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | PC <input type="checkbox"/>            |
|                  | <b>ACCY3560NKTTS3</b><br><br>35/60 TS007 3 Star Euro Profile Cylinder<br><br>Supplied with 3 Keys                                                                | 1                        | Each | Open Out    | MF <input checked="" type="checkbox"/> |
|                  |                                                                                                                                                                  |                          |      |             | SA <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | KL <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | HP <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | SSC <input type="checkbox"/>           |
|                  |                                                                                                                                                                  |                          |      |             | SMC <input type="checkbox"/>           |
|                  |                                                                                                                                                                  |                          |      |             | WP <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | BL <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | PC <input type="checkbox"/>            |
|                  | <b>ACCY6035NKTTS3</b><br><br>60/35 TS007 3 Star Euro Profile Cylinder<br><br>Supplied with 3 Keys                                                                | 1                        | Each | Open In     | MF <input checked="" type="checkbox"/> |
|                  |                                                                                                                                                                  |                          |      |             | SA <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | KL <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | HP <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | SSC <input type="checkbox"/>           |
|                  |                                                                                                                                                                  |                          |      |             | SMC <input type="checkbox"/>           |
|                  |                                                                                                                                                                  |                          |      |             | WP <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | BL <input type="checkbox"/>            |
|                  |                                                                                                                                                                  |                          |      |             | PC <input type="checkbox"/>            |
| <br>Screw (Grub) | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome | WP = White<br>BL = Black |      |             |                                        |



| Image                                                                                                                                                                     | Part Code                                                                                                                                                                                                         | Pack | Unit                                   | Application                                                                            | Colour                                                                                |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---|
|                                                                                          | <b>ACDV251</b><br><br>Lever/Lever Handle                                                                                                                                                                          | 1    | pair                                   |                                                                                        | MF                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SA                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | KL                                                                                    | ✓ |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | HP                                                                                    | ✓ |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SSC                                                                                   |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SMC                                                                                   |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | WP                                                                                    | ✓ |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | BL                                                                                    | ✓ |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | PC                                                                                    | ✓ |
|                                                                                          | <b>ACDV737</b><br><br>Bottom Shoot Bolt                                                                                                                                                                           | 1    | Each                                   | <b>ACUL276</b><br><b>ACUL277</b><br><b>ACUL278</b>                                     | MF                                                                                    | ✓ |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SA                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | KL                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | HP                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SSC                                                                                   |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SMC                                                                                   |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | WP                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | BL                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | PC                                                                                    |   |
|                                                                                         | <b>ACDV738</b><br><br>Top Shoot Bolt                                                                                                                                                                              | 1    | Each                                   | <b>ACUL276</b><br><b>ACUL277</b><br><b>ACUL278</b>                                     | MF                                                                                    | ✓ |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SA                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | KL                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | HP                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SSC                                                                                   |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SMC                                                                                   |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | WP                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | BL                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | PC                                                                                    |   |
|                                                                                        | <b>ACDV742</b><br><br>200mm Extension for ACDV738                                                                                                                                                                 | 1    | Each                                   | <b>ACUL276</b><br><b>ACUL277</b><br><b>ACUL278</b><br><b>ACDV737</b><br><b>ACDV738</b> | MF                                                                                    | ✓ |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SA                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | KL                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | HP                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SSC                                                                                   |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SMC                                                                                   |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | WP                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | BL                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | PC                                                                                    |   |
|                                                                                        | <b>ACDV744</b><br><br>400mm Extension for ACDV738                                                                                                                                                                 | 1    | Each                                   | <b>ACUL276</b><br><b>ACUL277</b><br><b>ACUL278</b><br><b>ACDV737</b><br><b>ACDV738</b> | MF                                                                                    | ✓ |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SA                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | KL                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | HP                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SSC                                                                                   |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | SMC                                                                                   |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | WP                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | BL                                                                                    |   |
|                                                                                                                                                                           |                                                                                                                                                                                                                   |      |                                        |                                                                                        | PC                                                                                    |   |
|  <p>T-BARS<br/>ACVG65=2.5mm<br/>ACVG66=3.0mm<br/>ACVL150=4.0mm</p> <p>Screw (Grub)</p> | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome |      | <b>WP</b> = White<br><b>BL</b> = Black |                                                                                        |  |   |

## ACCESSORIES : PHOTOS & DRAWINGS

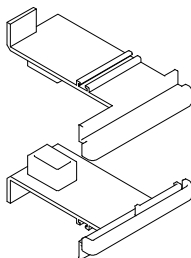
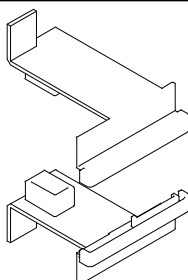
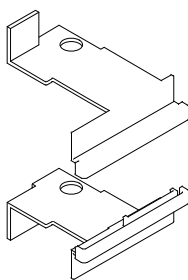
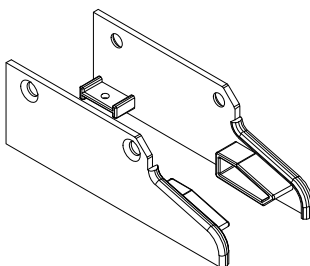
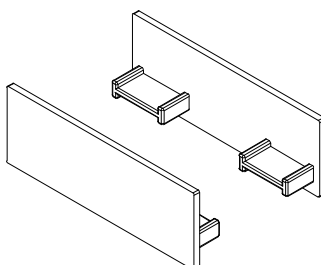
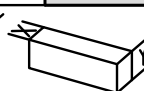
| Image                                                                               | Part Code                                                                                                                                                                                                         | Pack                                 | Unit                                                                                  | Application   | Colour |   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------|---------------|--------|---|
|     | <b>ACET130</b><br><br>Galvanised Steel Fixing Strap<br><br>200mm x 25mm x 1.5mm                                                                                                                                   | 100                                  | pack                                                                                  | <b>ETD410</b> | MF     | ✓ |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SA     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | KL     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | HP     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SSC    |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SMC    |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | WP     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | BL     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | PC     |   |
|    | <b>ACET131</b><br><br>PVC Drainage Cap<br><br>For Colour match Drainage caps use - ACET432                                                                                                                        | 100                                  | pack                                                                                  |               | MF     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SA     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | KL     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | HP     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SSC    |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SMC    |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | WP     | ✓ |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | BL     | ✓ |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | PC     |   |
|    | <b>ACET149</b><br><br>Slimline Restrictor                                                                                                                                                                         | 1                                    | each                                                                                  |               | MF     | ✓ |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SA     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | KL     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | HP     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SSC    |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SMC    |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | WP     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | BL     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | PC     |   |
|  | <b>ACET152</b><br><br>PVC Cill End Caps                                                                                                                                                                           | 10                                   | pair                                                                                  | <b>ETC452</b> | MF     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SA     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | KL     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | HP     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SSC    |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SMC    |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | WP     | ✓ |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | BL     | ✓ |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | PC     |   |
|  | <b>ACET157</b><br><br>PVC Cill End Caps                                                                                                                                                                           | 10                                   | pair                                                                                  | <b>ETC457</b> | MF     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SA     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | KL     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | HP     |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SSC    |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | SMC    |   |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | WP     | ✓ |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | BL     | ✓ |
|                                                                                     |                                                                                                                                                                                                                   |                                      |                                                                                       |               | PC     |   |
|   | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome | <b>W</b> = White<br><b>Z</b> = Black |  |               |        |   |

| Image                                                                                                                                                                                                             | Part Code                                 | Pack                                 | Unit | Application                                                                                                                                                                 | Colour |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|
|                                                                                                                                  | <b>ACET178</b><br><br>PVC Cill End Caps   | 10                                   | pair | <b>ETC451</b>                                                                                                                                                               | MF     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SA     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | KL     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | HP     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SSC    |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SMC    |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | WP     | ✓ |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | BL     | ✓ |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | PC     |   |
|                                                                                                                                  | <b>ACET179</b><br><br>PVC Cill End Caps   | 10                                   | pair | <b>ETC479</b>                                                                                                                                                               | MF     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SA     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | KL     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | HP     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SSC    |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SMC    |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | WP     | ✓ |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | BL     | ✓ |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | PC     |   |
|                                                                                                                                 | <b>ACET252</b><br><br>Hinge Protector Kit | 1                                    | kit  |                                                                                                                                                                             | MF     | ✓ |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SA     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | KL     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | HP     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SSC    |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SMC    |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | WP     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | BL     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | PC     |   |
|                                                                                                                                | <b>ACET258</b><br><br>PVC Cill End Cap    | 10                                   | pair | <b>ETC458</b>                                                                                                                                                               | MF     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SA     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | KL     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | HP     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SSC    |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SMC    |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | WP     | ✓ |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | BL     | ✓ |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | PC     |   |
|                                                                                                                                | <b>ACET402</b><br><br>Mechanical Cleat    | 24                                   | pack | <b>ETD402</b>                                                                                                                                                               | MF     | ✓ |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SA     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | KL     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | HP     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SSC    |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | SMC    |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | WP     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | BL     |   |
|                                                                                                                                                                                                                   |                                           |                                      |      |                                                                                                                                                                             | PC     |   |
| <br>T-BARS<br>ACVG66=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm                                                                    |                                           |                                      |      |                                                                                                                                                                             |        |   |
| <br>Screw (Grub)                                                                                                               |                                           |                                      |      |                                                                                                                                                                             |        |   |
| <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome |                                           | <b>W</b> = White<br><b>Z</b> = Black |      |   |        |   |

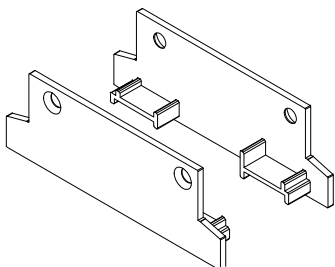
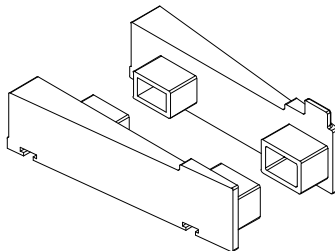
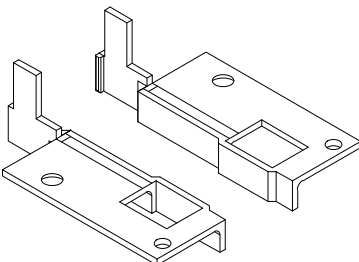
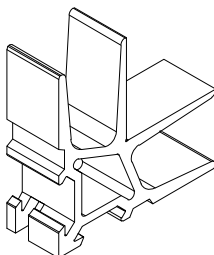
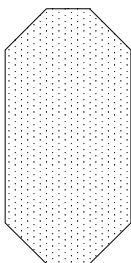
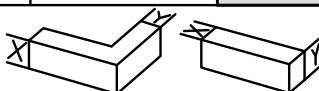
## ACCESSORIES : PHOTOS & DRAWINGS

| Image | Part Code                                                                                                                                                                                                         | Pack                                 | Unit  | Application                                     | Colour |   |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------|-------------------------------------------------|--------|---|
|       | <b>ACET408</b><br><br>Infill Foam                                                                                                                                                                                 | 1                                    | each  | <b>ETD402</b>                                   | MF     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SA     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | KL     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | HP     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SSC    |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SMC    |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | WP     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | BL     | ✓ |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | PC     |   |
|       | <b>ACET4133</b><br><br>Bridge Packer                                                                                                                                                                              | 10                                   | pack  | <b>ETD432</b>                                   | MF     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SA     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | KL     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | HP     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SSC    |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SMC    |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | WP     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | BL     | ✓ |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | PC     |   |
|       | <b>ACET4142</b><br><br>End Cap Kit                                                                                                                                                                                | 1                                    | kit   | <b>ETD447</b><br><b>ETD495</b><br><b>ETD496</b> | MF     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SA     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | KL     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | HP     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SSC    |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SMC    |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | WP     | ✓ |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | BL     | ✓ |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | PC     |   |
|       | <b>ACET4143</b><br><br>End Cap Kit                                                                                                                                                                                | 1                                    | kit   | <b>ETD448</b><br><b>ETD495</b><br><b>ETD496</b> | MF     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SA     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | KL     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | HP     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SSC    |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SMC    |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | WP     | ✓ |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | BL     | ✓ |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | PC     |   |
|       | <b>ACET4145</b><br><br>End Cap                                                                                                                                                                                    | 10                                   | pairs | <b>ETD448</b><br><b>ETD490</b><br><b>ETD492</b> | MF     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SA     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | KL     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | HP     |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SSC    |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | SMC    |   |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | WP     | ✓ |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | BL     | ✓ |
|       |                                                                                                                                                                                                                   |                                      |       |                                                 | PC     |   |
|       | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome | <b>W</b> = White<br><b>Z</b> = Black |       |                                                 |        |   |

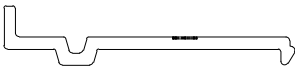
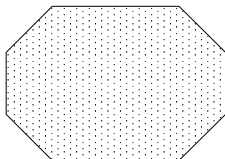
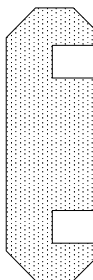
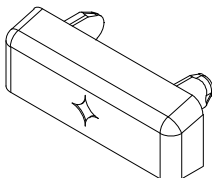
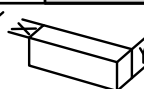
ACCESSORIES : PHOTOS & DRAWINGS

| Image                                                                                                                                          | Part Code                                                                                           | Pack                                                                                                                                                                                                              | Unit  | Application                                     | Colour |                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                               | <b>ACET4146</b><br><br>End Cap                                                                      | 10                                                                                                                                                                                                                | pairs | <b>ETD447</b><br><b>ETD490</b><br><b>ETD492</b> | MF     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SA     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | KL     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | HP     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SSC    |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SMC    |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | WP     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | BL     | ✓                                                                                                                                                                           |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | PC     | ✓                                                                                                                                                                           |
|                                                               | <b>ACET4147</b><br><br>End Cap                                                                      | 10                                                                                                                                                                                                                | pairs | <b>ETD447</b><br><b>ETD410</b>                  | MF     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SA     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | KL     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | HP     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SSC    |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SMC    |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | WP     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | BL     | ✓                                                                                                                                                                           |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | PC     | ✓                                                                                                                                                                           |
|                                                              | <b>ACET4148</b><br><br>End Cap                                                                      | 10                                                                                                                                                                                                                | pairs | <b>ETD448</b><br><b>ETD410</b>                  | MF     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SA     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | KL     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | HP     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SSC    |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SMC    |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | WP     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | BL     | ✓                                                                                                                                                                           |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | PC     | ✓                                                                                                                                                                           |
|                                                             | <b>ACET4190</b><br><br>ETD490 End Cap                                                               | 1                                                                                                                                                                                                                 | pair  | <b>ETD490</b>                                   | MF     | ✓                                                                                                                                                                           |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SA     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | KL     | ✓                                                                                                                                                                           |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | HP     | ✓                                                                                                                                                                           |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SSC    |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SMC    |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | WP     | ✓                                                                                                                                                                           |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | BL     | ✓                                                                                                                                                                           |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | PC     |                                                                                                                                                                             |
|                                                             | <b>ACET4192</b><br><br>ETD492 End Cap                                                               | 10                                                                                                                                                                                                                | pairs | <b>ETD492</b>                                   | MF     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SA     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | KL     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | HP     |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SSC    |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | SMC    |                                                                                                                                                                             |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | WP     | ✓                                                                                                                                                                           |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | BL     | ✓                                                                                                                                                                           |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 | PC     |                                                                                                                                                                             |
| <br>T-BARS<br>ACVG66=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub) | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome |       | <b>WP</b> = White<br><b>BL</b> = Black          |        |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |       |                                                 |        |                                                                                                                                                                             |

## ACCESSORIES : PHOTOS & DRAWINGS

| Image                                                                                                                                         | Part Code                                                                                           | Pack                                                                                                                                                             | Unit  | Application              | Colour |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------|--------|---------------------------------------------------------------------------------------|
|                                                              | <b>ACET4195</b><br><br>ETD495 End Cap                                                               | 10                                                                                                                                                               | Pairs | <b>ETD495</b>            | MF     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SA     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | KL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | HP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SSC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SMC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | WP     | ✓                                                                                     |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | BL     | ✓                                                                                     |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | PC     |                                                                                       |
|                                                              | <b>ACET4196</b><br><br>ETD496 End Cap                                                               | 10                                                                                                                                                               | Pairs | <b>ETD496</b>            | MF     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SA     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | KL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | HP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SSC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SMC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | WP     | ✓                                                                                     |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | BL     | ✓                                                                                     |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | PC     |                                                                                       |
|                                                             | <b>ACET4197</b><br><br>End Cap for UL297                                                            | 1                                                                                                                                                                | Pair  | <b>UL297</b>             | MF     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SA     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | KL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | HP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SSC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SMC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | WP     | ✓                                                                                     |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | BL     | ✓                                                                                     |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | PC     |                                                                                       |
|                                                            | <b>ACET4204</b><br><br>Mechanical Cleat                                                             | 24                                                                                                                                                               | pack  | <b>ETD4204</b>           | MF     | ✓                                                                                     |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SA     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | KL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | HP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SSC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SMC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | WP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | BL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | PC     |                                                                                       |
|                                                            | <b>ACET4205</b><br><br>Infill Foam                                                                  | 1                                                                                                                                                                | each  | <b>ETD4205</b>           | MF     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SA     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | KL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | HP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SSC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | SMC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | WP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | BL     | ✓                                                                                     |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          | PC     |                                                                                       |
| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub) | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome |       | WP = White<br>BL = Black |        |  |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |       |                          |        |                                                                                       |

ACCESSORIES : PHOTOS & DRAWINGS

| Image                                                                                                                                          | Part Code                                                                                           | Pack                                                                                                                                                             | Unit | Application                                       | Colour                                                                                                                                                                      |   |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|                                                               | <b>ACET4206</b><br><br>Bridge Packer                                                                | 10                                                                                                                                                               | pack | <b>ETD402</b><br><b>ETD4204</b><br><b>ETD4301</b> | MF                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SA                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | KL                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | HP                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SSC                                                                                                                                                                         |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SMC                                                                                                                                                                         |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | WP                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | BL                                                                                                                                                                          | ✓ |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | PC                                                                                                                                                                          |   |
|                                                               | <b>ACET4207</b><br><br>Bridge Packer                                                                | 10                                                                                                                                                               | pack | <b>ETD4205</b><br><b>ETD4302</b>                  | MF                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SA                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | KL                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | HP                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SSC                                                                                                                                                                         |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SMC                                                                                                                                                                         |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | WP                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | BL                                                                                                                                                                          | ✓ |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | PC                                                                                                                                                                          |   |
|                                                             | <b>ACET430</b><br><br>Infill Foam                                                                   | 1                                                                                                                                                                | each | <b>ETD432</b>                                     | MF                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SA                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | KL                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | HP                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SSC                                                                                                                                                                         |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SMC                                                                                                                                                                         |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | WP                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | BL                                                                                                                                                                          | ✓ |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | PC                                                                                                                                                                          |   |
|                                                             | <b>ACET4302</b><br><br>Infill Foam                                                                  | 1                                                                                                                                                                | each | <b>ETD4302</b>                                    | MF                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SA                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | KL                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | HP                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SSC                                                                                                                                                                         |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SMC                                                                                                                                                                         |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | WP                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | BL                                                                                                                                                                          | ✓ |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | PC                                                                                                                                                                          |   |
|                                                             | <b>ACET432</b><br><br>Colour Match Drainage Cover Cap                                               | 8                                                                                                                                                                | pack |                                                   | MF                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SA                                                                                                                                                                          | ✓ |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | KL                                                                                                                                                                          | ✓ |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | HP                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SSC                                                                                                                                                                         |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | SMC                                                                                                                                                                         | ✓ |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | WP                                                                                                                                                                          | ✓ |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | BL                                                                                                                                                                          |   |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                  |      |                                                   | PC                                                                                                                                                                          |   |
| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub) | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome |      | WP = White<br>BL = Black                          |   |   |

## ACCESSORIES : PHOTOS & DRAWINGS

| Image | Part Code                                                                                                                                                                                                         | Pack | Unit                                   | Application   | Colour                                 |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------|---------------|----------------------------------------|
|       | <b>ACET451</b><br><br>Cast Cill End Caps<br><br>(Pair)                                                                                                                                                            | 1    | pair                                   | <b>ETC451</b> | MF <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | SA <input type="checkbox"/>            |
|       |                                                                                                                                                                                                                   |      |                                        |               | KL <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | HP <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | SSC <input type="checkbox"/>           |
|       |                                                                                                                                                                                                                   |      |                                        |               | SMC <input type="checkbox"/>           |
|       |                                                                                                                                                                                                                   |      |                                        |               | WP <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | BL <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | PC <input type="checkbox"/>            |
|       | <b>ACET452</b><br><br>Cast Cill End Caps<br><br>(Pair)                                                                                                                                                            | 1    | Pair                                   | <b>ETC452</b> | MF <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | SA <input type="checkbox"/>            |
|       |                                                                                                                                                                                                                   |      |                                        |               | KL <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | HP <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | SSC <input type="checkbox"/>           |
|       |                                                                                                                                                                                                                   |      |                                        |               | SMC <input type="checkbox"/>           |
|       |                                                                                                                                                                                                                   |      |                                        |               | WP <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | BL <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | PC <input type="checkbox"/>            |
|       | <b>ACET457</b><br><br>Cast Cill End Caps<br><br>(Pair)                                                                                                                                                            | 1    | Pair                                   | <b>ETC457</b> | MF <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | SA <input type="checkbox"/>            |
|       |                                                                                                                                                                                                                   |      |                                        |               | KL <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | HP <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | SSC <input type="checkbox"/>           |
|       |                                                                                                                                                                                                                   |      |                                        |               | SMC <input type="checkbox"/>           |
|       |                                                                                                                                                                                                                   |      |                                        |               | WP <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | BL <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | PC <input type="checkbox"/>            |
|       | <b>ACET458</b><br><br>Cast Cill End Caps<br><br>(Pair)                                                                                                                                                            | 1    | Pair                                   | <b>ETC458</b> | MF <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | SA <input type="checkbox"/>            |
|       |                                                                                                                                                                                                                   |      |                                        |               | KL <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | HP <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | SSC <input type="checkbox"/>           |
|       |                                                                                                                                                                                                                   |      |                                        |               | SMC <input type="checkbox"/>           |
|       |                                                                                                                                                                                                                   |      |                                        |               | WP <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | BL <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | PC <input type="checkbox"/>            |
|       | <b>ACET475</b><br><br>Run Up Blocks                                                                                                                                                                               | 2    | Pack                                   | <b>ETD410</b> | MF <input type="checkbox"/>            |
|       |                                                                                                                                                                                                                   |      |                                        |               | SA <input type="checkbox"/>            |
|       |                                                                                                                                                                                                                   |      |                                        |               | KL <input type="checkbox"/>            |
|       |                                                                                                                                                                                                                   |      |                                        |               | HP <input type="checkbox"/>            |
|       |                                                                                                                                                                                                                   |      |                                        |               | SSC <input type="checkbox"/>           |
|       |                                                                                                                                                                                                                   |      |                                        |               | SMC <input type="checkbox"/>           |
|       |                                                                                                                                                                                                                   |      |                                        |               | WP <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | BL <input checked="" type="checkbox"/> |
|       |                                                                                                                                                                                                                   |      |                                        |               | PC <input type="checkbox"/>            |
|       | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome |      | <b>WP</b> = White<br><b>BL</b> = Black |               |                                        |



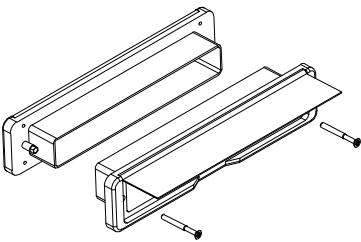
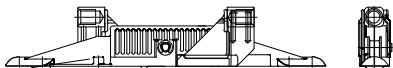
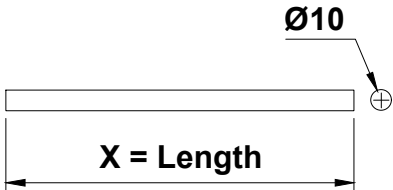
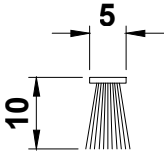
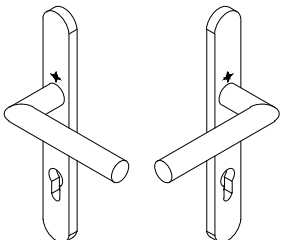
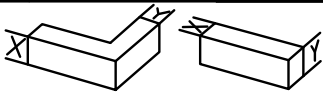
ACCESSORIES : PHOTOS & DRAWINGS

| Image | Part Code                                                                                                                                                                                                         | Pack | Unit                                   | Application   | Colour |   |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------|---------------|--------|---|
|       | <b>ACET479N</b><br><br>Cast Cill End Caps<br><br>(Pair)                                                                                                                                                           | 1    | Pair                                   | <b>ETC479</b> | MF     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | SA     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | KL     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | HP     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | SSC    |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SMC    |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | WP     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | BL     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | PC     |   |
|       | <b>ACET480</b><br><br>PAS 24<br>Lever / Lever Handle                                                                                                                                                              | 1    | pair                                   |               | MF     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SA     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | KL     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | HP     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SSC    |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SMC    |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | WP     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | BL     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | PC     | ✓ |
|       | <b>ACET484</b><br><br>Standard<br>Lever / Lever Handle                                                                                                                                                            | 1    | pair                                   |               | MF     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SA     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | KL     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | HP     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SSC    |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SMC    |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | WP     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | BL     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | PC     | ✓ |
|       | <b>ACET486</b><br><br>Swept<br>Lever / Lever Handle                                                                                                                                                               | 1    | pair                                   |               | MF     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SA     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | KL     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | HP     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SSC    |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SMC    |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | WP     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | BL     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | PC     | ✓ |
|       | <b>ACET487</b><br><br>Oval<br>Lever / Lever Handle                                                                                                                                                                | 1    | pair                                   |               | MF     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SA     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | KL     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | HP     |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SSC    |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | SMC    |   |
|       |                                                                                                                                                                                                                   |      |                                        |               | WP     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | BL     | ✓ |
|       |                                                                                                                                                                                                                   |      |                                        |               | PC     |   |
|       | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome |      | <b>WP</b> = White<br><b>BL</b> = Black |               |        |   |
|       |                                                                                                                                                                                                                   |      |                                        |               |        |   |

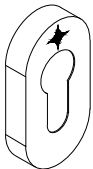
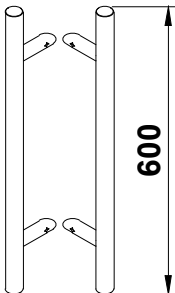
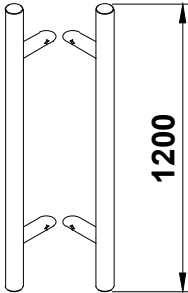
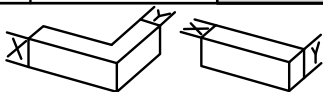
## ACCESSORIES : PHOTOS & DRAWINGS

| Image                                                                 | Part Code                                                                                                                                                                         | Pack                                 | Unit        | Application                                                         | Colour |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------|---------------------------------------------------------------------|--------|
|                                                                       | <b>ACET488</b><br><br>Round<br>Lever / Lever Handle                                                                                                                               | <b>1</b>                             | <b>pair</b> |                                                                     | MF     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SA     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | KL     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | HP     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SSC    |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SMC    |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | WP     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | BL     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | PC     |
|                                                                       | <b>ACET496</b><br><br>Glass Adjustment Kit                                                                                                                                        | <b>1</b>                             | <b>kit</b>  | <b>ETD4204</b><br><b>ETD4205</b><br><b>ETD424</b>                   | MF     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SA     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | KL     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | HP     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SSC    |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SMC    |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | WP     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | BL     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | PC     |
|                                                                       | <b>ACET497</b><br><br>Drill Jig                                                                                                                                                   | <b>1</b>                             | <b>each</b> | <b>ACET496</b><br><b>ETD4204</b><br><b>ETD4205</b><br><b>ETD424</b> | MF     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SA     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | KL     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | HP     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SSC    |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SMC    |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | WP     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | BL     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | PC     |
|                                                                       | <b>ACMX008</b><br><br>60mm Spindle                                                                                                                                                | <b>1</b>                             | <b>each</b> |                                                                     | MF     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SA     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | KL     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | HP     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SSC    |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SMC    |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | WP     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | BL     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | PC     |
|                                                                       | <b>ACMX409</b><br><br>150mm Spindle                                                                                                                                               | <b>1</b>                             | <b>each</b> |                                                                     | MF     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SA     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | KL     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | HP     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SSC    |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | SMC    |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | WP     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | BL     |
|                                                                       |                                                                                                                                                                                   |                                      |             |                                                                     | PC     |
| <div>T-BARS<br/>ACVG65=2.5mm<br/>ACVG66=3.0mm<br/>ACVL150=4.0mm</div> | <div>MF = Mill Finish<br/>SA = Silver Anodised<br/>KL = Basic Colour<br/>HP = Special Colour<br/>SSC = Smooth Satin Chrome<br/>SMC = Smokey Chrome<br/>PC = Polished Chrome</div> | <div>WP = White<br/>BL = Black</div> |             |                                                                     |        |

ACCESSORIES : PHOTOS & DRAWINGS

| Image                                                                               | Part Code                                                                                                                                                                                                         | Pack | Unit | Application                                                                                                          | Colour |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|----------------------------------------------------------------------------------------------------------------------|--------|
|    | <b>ACPD6051</b><br><br><b>Nu Mail Letter Box</b><br><br><b>(Only available in black or satin nickel)</b>                                                                                                          | 1    | each | <b>ETD430</b><br><b>ETD4301</b><br><b>ETD4302</b>                                                                    | MF     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SA     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | KL     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | HP     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SSC    |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SMC    |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | WP     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | BL     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | PC     |
|    | <b>ACPD844</b><br><br><b>35mm Backset Shootbolt Adaptor</b>                                                                                                                                                       | 1    | each | <b>All Locks Excluding</b><br><b>ACUL267</b><br><b>ACUL268</b><br><b>ACUL276</b><br><b>ACUL277</b><br><b>ACUL278</b> | MF     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SA     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | KL     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | HP     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SSC    |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SMC    |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | WP     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | BL     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | PC     |
|  | <b>ACPD8XX</b><br><br><b>10mm Dia Galvanised Rod</b><br><br><b>ACPD846: X = 1000mm</b><br><b>ACPD847: X = 1250mm</b><br><b>ACPD848: X = 1500mm</b><br><b>ACPD849: X = 2000mm</b>                                  | 1    | each | <b>ACPD844</b>                                                                                                       | MF     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SA     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | KL     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | HP     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SSC    |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SMC    |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | WP     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | BL     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | PC     |
|  | <b>ACSH038N</b><br><br><b>5 x 10mm Woolpile (Grey)</b>                                                                                                                                                            | 225  | m    |                                                                                                                      | MF     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SA     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | KL     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | HP     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SSC    |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SMC    |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | WP     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | BL     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | PC     |
|  | <b>ACSM013</b><br><br><b>Stainless Steel Lever Handle on Oval Backplate (Not Handed)</b>                                                                                                                          | 1    | Pair |                                                                                                                      | MF     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SA     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | KL     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | HP     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SSC    |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | SMC    |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | WP     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | BL     |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      | PC     |
|  | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome |      |      |                                 |        |
|                                                                                     |                                                                                                                                                                                                                   |      |      |                                                                                                                      |        |

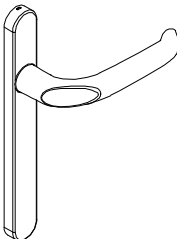
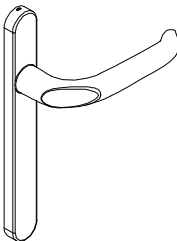
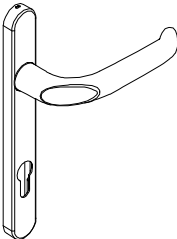
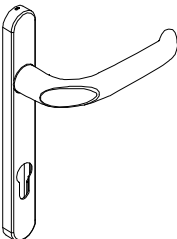
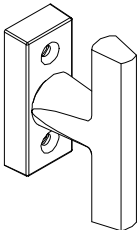
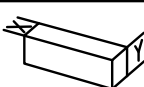
## ACCESSORIES : PHOTOS & DRAWINGS

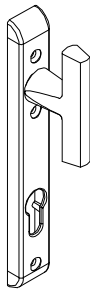
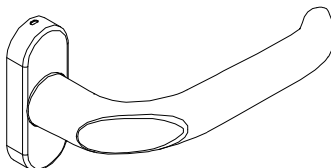
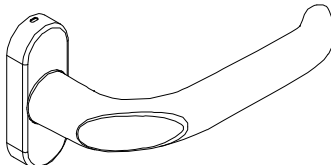
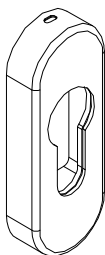
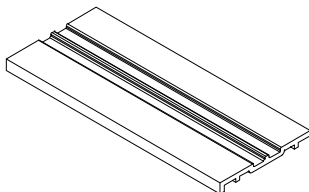
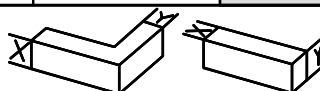
| Image                                                                                                                                      | Part Code                                                                                                                                              | Pack                                                                                                                                                             | Unit                     | Application                                                                           | Colour |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|--------|
|                                                           | <b>ACSM015SS</b><br><br>Stainless Steel Oval Escutcheon<br><b>Kit Contains:</b><br>1 x External Cover Plate<br>1 x Internal Fixing Plate<br>4 x Screws | 1                                                                                                                                                                | each                     | <b>ACSM020SS</b><br><b>ACSM021SS</b><br><b>ACSM040SS</b>                              | MF     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SA     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | KL     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | HP     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SSC    |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SMC    |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | WP     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | BL     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | PC     |
|                                                           | <b>ACSM020SS</b><br><br>600mm Stainless Steel Tubular Handle (Pair)<br><br>Back to back fixing kit included.                                           | 1                                                                                                                                                                | each                     | <b>ACSM015SS</b>                                                                      | MF     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SA     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | KL     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | HP     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SSC    |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SMC    |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | WP     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | BL     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | PC     |
|                                                          | <b>ACSM021SS</b><br><br>1200mm Stainless Steel Tubular Handle (Pair)<br><br>Back to back fixing kit included.                                          | 1                                                                                                                                                                | each                     | <b>ACSM015SS</b>                                                                      | MF     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SA     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | KL     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | HP     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SSC    |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SMC    |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | WP     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | BL     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | PC     |
|                                                         | <b>ACSM030</b><br><br>Secret Single Fixing Kit for ACSM020SS & ACSM021SS                                                                               | 1                                                                                                                                                                | each                     | <b>ACSM020SS</b><br><b>ACSM021SS</b><br><b>ACSM037</b><br><b>ACSM038</b>              | MF     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SA     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | KL     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | HP     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SSC    |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SMC    |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | WP     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | BL     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | PC     |
|                                                         | <b>ACSM031</b><br><br>Back to Back Fixing Kit for ACSM020SS & ACSM021SS                                                                                | 1                                                                                                                                                                | each                     | <b>ACSM020SS</b><br><b>ACSM021SS</b>                                                  | MF     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SA     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | KL     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | HP     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SSC    |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | SMC    |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | WP     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | BL     |
|                                                                                                                                            |                                                                                                                                                        |                                                                                                                                                                  |                          |                                                                                       | PC     |
|  T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm |  Screw (Grub)                                                       | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome | WP = White<br>BL = Black |  |        |

ACCESSORIES : PHOTOS & DRAWINGS

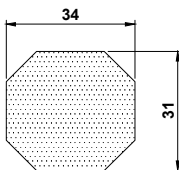
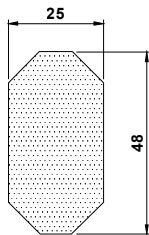
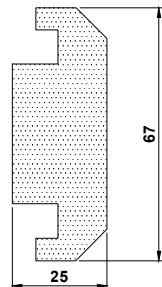
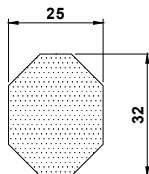
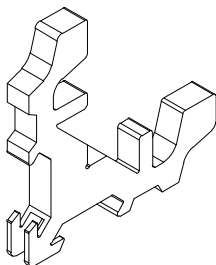
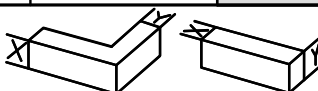
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|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------|--------|
|                                                             | <b>ACSM037SS</b><br><br>600mm Stainless Steel Tubular Handle (Single)                                                          | 1                                                                                                                                                                | each                     | <b>ACSM015SS</b><br><b>ACSM032</b>                                                       | MF     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SA     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | KL     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | HP     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SSC    |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SMC    |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | WP     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | BL     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | PC     |
|                                                             | <b>ACSM038SS</b><br><br>1200mm Stainless Steel Tubular Handle (Single)                                                         | 1                                                                                                                                                                | each                     | <b>ACSM015SS</b><br><b>ACSM032</b>                                                       | MF     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SA     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | KL     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | HP     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SSC    |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SMC    |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | WP     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | BL     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | PC     |
|                                                             | <b>ACSM058SS</b><br><br>Stainless Steel Lever Handle on Long Backplate (Not Handed)<br><br>Fixings and Spindle Sold Separately | 1                                                                                                                                                                | pair                     | <b>ACSM015SS</b><br><b>ACMX409</b><br><b>ACMX008</b><br><b>ACUN3509</b><br><b>WCA134</b> | MF     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SA     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | KL     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | HP     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SSC    |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SMC    |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | WP     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | BL     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | PC     |
|                                                             | <b>ACSM059SS</b><br><br>Stainless Steel Lever Handle on Oval Backplate (Not Handed)<br><br>Fixings and Spindle Sold Separately | 1                                                                                                                                                                | pair                     | <b>ACSM015SS</b><br><b>ACMX409</b><br><b>ACMX008</b><br><b>ACUN3509</b><br><b>WCA134</b> | MF     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SA     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | KL     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | HP     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SSC    |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SMC    |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | WP     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | BL     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | PC     |
|                                                             | <b>ACSZ400</b><br><br>Safety Lock Plate<br><br>Door Handle - External                                                          | 1                                                                                                                                                                | each                     |                                                                                          | MF     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SA     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | KL     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | HP     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SSC    |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | SMC    |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | WP     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | BL     |
|                                                             |                                                                                                                                |                                                                                                                                                                  |                          |                                                                                          | PC     |
| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub)                                                                                                               | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome | WP = White<br>BL = Black |                                                                                          |        |

ACCESSORIES : PHOTOS & DRAWINGS

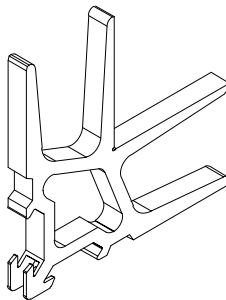
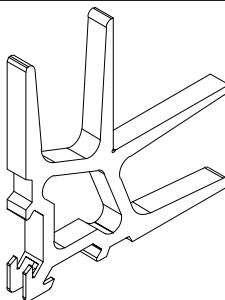
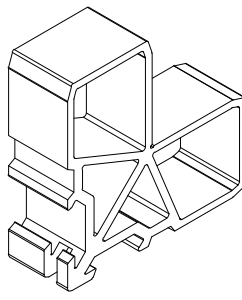
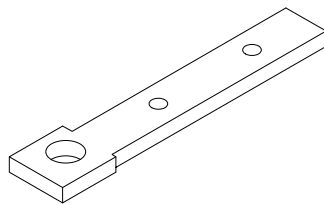
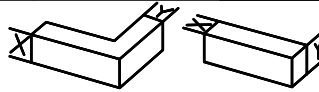
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|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|
|                                                              | <b>ACSZ800</b><br><br>External Lever Handle Without Cylinder                                        | 1                                                                                                                                                                | each                     | <b>ACSZ801</b><br><b>ACSZ803</b><br><b>ACSZ830</b>                                                                                                                          | MF     |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SA     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | KL     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | HP     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SSC    |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SMC    |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | WP     |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | BL     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | PC     | ✓ |
|                                                              | <b>ACSZ801</b><br><br>Internal Lever Handle Without Cylinder                                        | 1                                                                                                                                                                | each                     | <b>ACSZ800</b><br><b>ACSZ803</b>                                                                                                                                            | MF     |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SA     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | KL     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | HP     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SSC    |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SMC    |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | WP     |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | BL     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | PC     | ✓ |
|                                                             | <b>ACSZ802</b><br><br>External Handle With Cylinder                                                 | 1                                                                                                                                                                | each                     | <b>ACSZ800</b><br><b>ACSZ803</b>                                                                                                                                            | MF     |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SA     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | KL     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | HP     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SSC    |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SMC    |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | WP     |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | BL     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | PC     | ✓ |
|                                                            | <b>ACSZ803</b><br><br>Internal Handle With Cylinder                                                 | 1                                                                                                                                                                | each                     | <b>ACSZ55*</b><br><b>ACSZ801</b><br><b>ACSZ803</b><br><b>ACMX309</b>                                                                                                        | MF     |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SA     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | KL     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | HP     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SSC    |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SMC    |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | WP     |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | BL     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | PC     | ✓ |
|                                                            | <b>ACSZ827</b><br><br>Internal 'T' Door Handle With Short Backplate                                 | 1                                                                                                                                                                | each                     |                                                                                                                                                                             | MF     |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SA     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | KL     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | HP     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SSC    |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | SMC    |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | WP     |   |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | BL     | ✓ |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |                          |                                                                                                                                                                             | PC     | ✓ |
| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub) | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome | WP = White<br>BL = Black |   |        |   |

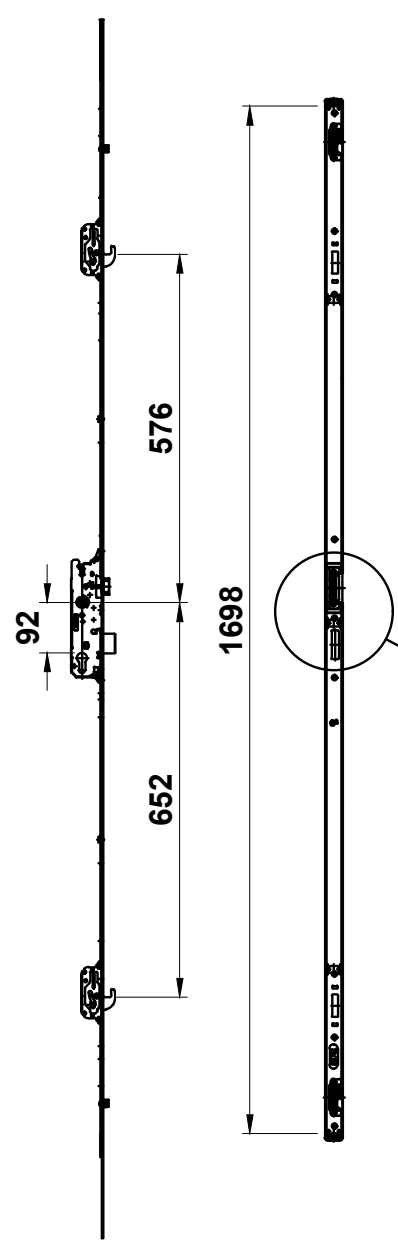
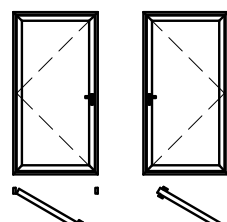
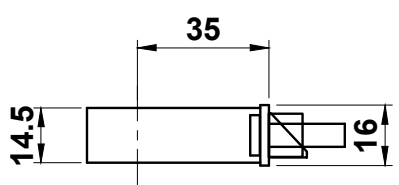
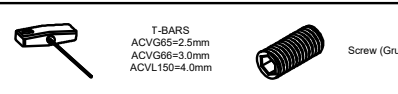
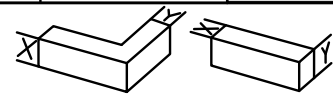
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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------|---|
|                                                                                                                                                                      | <b>ACSZ830</b><br><br>Internal 'T' Door Handle With Long Backplate                                                                                                                                                | 1    | each                                   |                                                 | MF                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SA                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | KL                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | HP                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SSC                                                                                   |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SMC                                                                                   |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | WP                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | BL                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | PC                                                                                    | ✓ |
|                                                                                                                                                                      | <b>ACSZ836</b><br><br>Internal Door Handle With Short Backplate                                                                                                                                                   | 1    | each                                   |                                                 | MF                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SA                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | KL                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | HP                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SSC                                                                                   |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SMC                                                                                   |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | WP                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | BL                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | PC                                                                                    | ✓ |
|                                                                                                                                                                    | <b>ACSZ837</b><br><br>External Door Handle With Short Backplate                                                                                                                                                   | 1    | each                                   |                                                 | MF                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SA                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | KL                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | HP                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SSC                                                                                   |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SMC                                                                                   |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | WP                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | BL                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | PC                                                                                    | ✓ |
|                                                                                                                                                                    | <b>ACSZ839</b><br><br>Escutcheon (Cylinder Cover)                                                                                                                                                                 | 1    | each                                   |                                                 | MF                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SA                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | KL                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | HP                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SSC                                                                                   |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SMC                                                                                   |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | WP                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | BL                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | PC                                                                                    | ✓ |
|                                                                                                                                                                    | <b>ACUL065</b><br>42mm Bridge Packer                                                                                                                                                                              | 12   | pack                                   | <b>ETD404</b><br><b>ETD424</b><br><b>ETD430</b> | MF                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SA                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | KL                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | HP                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SSC                                                                                   |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | SMC                                                                                   |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | WP                                                                                    |   |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | BL                                                                                    | ✓ |
|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                   |      |                                        |                                                 | PC                                                                                    |   |
| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm<br><br>Screw (Grub) | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome |      | <b>WP</b> = White<br><b>BL</b> = Black |                                                 |  |   |

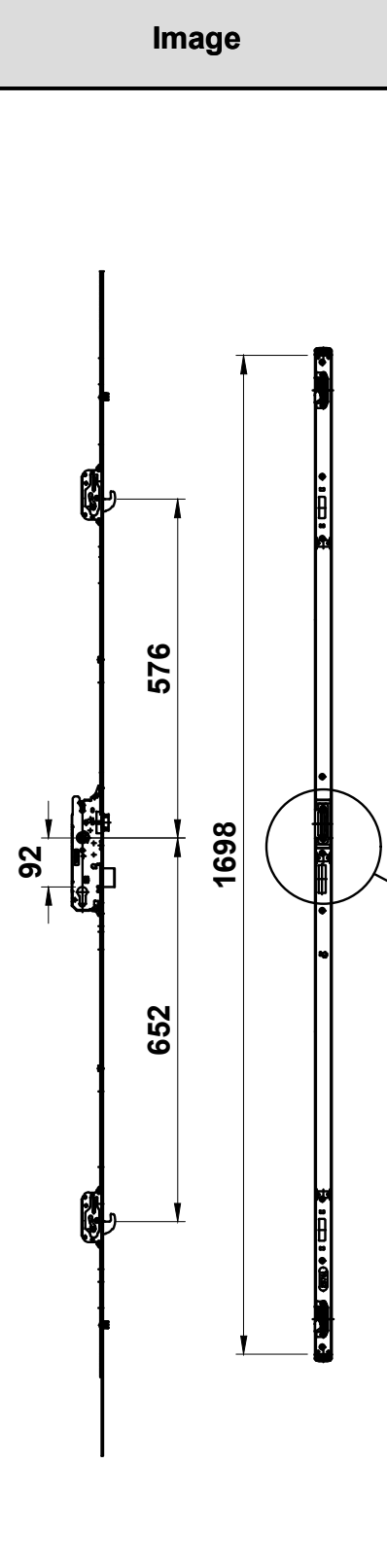
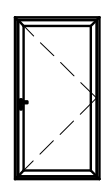
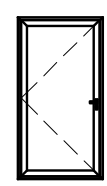
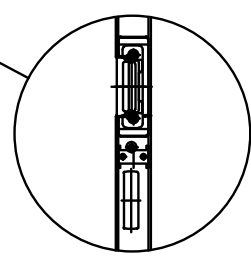
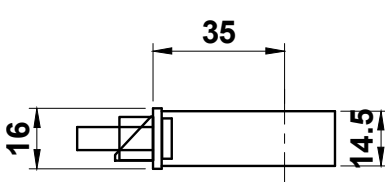
ACCESSORIES : PHOTOS & DRAWINGS

| Image                                                                                                                                                                  | Part Code                                                                                                                                                                                                         | Pack                                   | Unit                                                                                  | Application                     | Colour |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|--------|---|
|                                                                                       | <b>ACUL077</b><br><br>Infill Foam                                                                                                                                                                                 | 1                                      | each                                                                                  | <b>ETD410</b>                   | MF     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SA     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | KL     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | HP     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SSC    |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SMC    |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | WP     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | BL     | ✓ |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | PC     |   |
|                                                                                       | <b>ACUL078</b><br><br>Infill Foam                                                                                                                                                                                 | 1                                      | each                                                                                  | <b>ETD4204</b><br><b>ETD424</b> | MF     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SA     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | KL     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | HP     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SSC    |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SMC    |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | WP     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | BL     | ✓ |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | PC     |   |
|                                                                                      | <b>ACUL080</b><br><br>Infill Foam                                                                                                                                                                                 | 1                                      | each                                                                                  | <b>ETD430</b><br><b>ETD4301</b> | MF     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SA     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | KL     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | HP     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SSC    |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SMC    |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | WP     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | BL     | ✓ |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | PC     |   |
|                                                                                     | <b>ACUL081</b><br><br>Infill Foam                                                                                                                                                                                 | 1                                      | each                                                                                  | <b>ETD404</b>                   | MF     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SA     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | KL     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | HP     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SSC    |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SMC    |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | WP     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | BL     | ✓ |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | PC     |   |
|                                                                                     | <b>ACUL210A</b><br><br>Mechanical Cleat                                                                                                                                                                           | 24                                     | pack                                                                                  | <b>ETD402</b><br><b>ETD410</b>  | MF     | ✓ |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SA     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | KL     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | HP     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SSC    |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | SMC    |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | WP     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | BL     |   |
|                                                                                                                                                                        |                                                                                                                                                                                                                   |                                        |                                                                                       |                                 | PC     |   |
|   | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome | <b>WP</b> = White<br><b>BL</b> = Black |  |                                 |        |   |

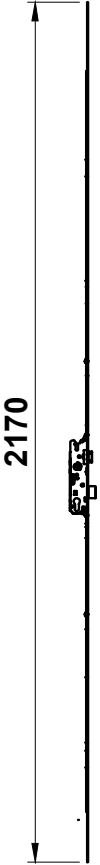
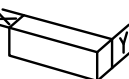


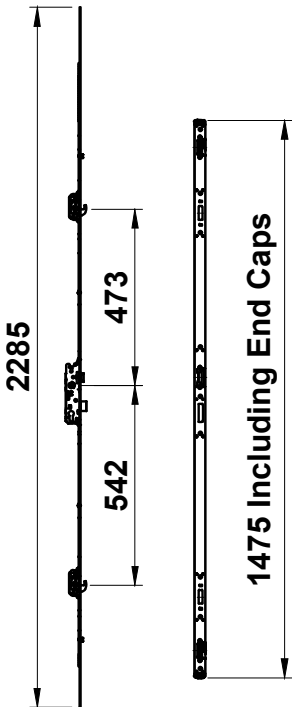
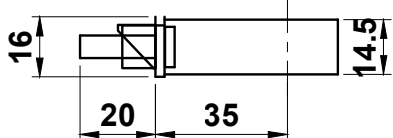
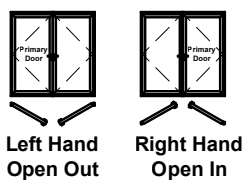
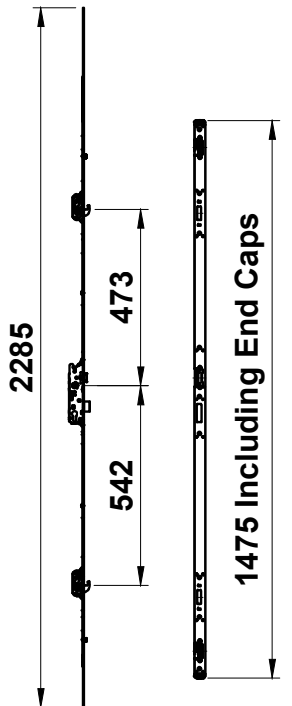
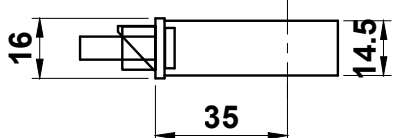
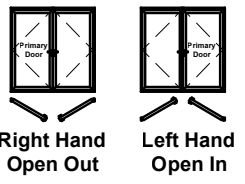
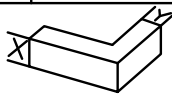
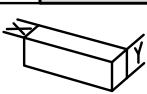
| Image                                                                                                                                          | Part Code                                                                                           | Pack                                                                                                                                                                                                              | Unit | Application                                                        | Colour |                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|
|                                                               | <b>ACUL210B</b><br><br>Mechanical Cleat                                                             | 24                                                                                                                                                                                                                | pack | <b>ETD410</b>                                                      | MF     | ✓                                                                                     |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SA     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | KL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | HP     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SSC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SMC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | WP     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | BL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | PC     |                                                                                       |
|                                                               | <b>ACUL224</b><br><br>Mechanical Cleat                                                              | 24                                                                                                                                                                                                                | pack | <b>ETD4204</b><br><b>ETD4205</b><br><b>ETD424</b>                  | MF     | ✓                                                                                     |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SA     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | KL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | HP     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SSC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SMC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | WP     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | BL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | PC     |                                                                                       |
|                                                              | <b>ACUL225</b><br><br>Mechanical Cleat                                                              | 24                                                                                                                                                                                                                | pack | <b>ETD4205</b><br><b>ETD424</b>                                    | MF     | ✓                                                                                     |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SA     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | KL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | HP     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SSC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SMC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | WP     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | BL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | PC     |                                                                                       |
|                                                             | <b>ACUL242</b><br><br>Aluminium Finger Bolt Guide                                                   | 1                                                                                                                                                                                                                 | each | <b>ACPD846</b><br><b>ACPD847</b><br><b>ACPD848</b>                 | MF     | ✓                                                                                     |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SA     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | KL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | HP     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SSC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SMC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | WP     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | BL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | PC     |                                                                                       |
|                                                             | <b>ACUL250</b><br><br>Door Hinge                                                                    | 1                                                                                                                                                                                                                 | each | <b>ETD410</b><br><b>ETD4204</b><br><b>ETD4205</b><br><b>ETD424</b> | MF     | ✓                                                                                     |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SA     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | KL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | HP     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SSC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | SMC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | WP     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | BL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |      |                                                                    | PC     |                                                                                       |
| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub) | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome |      | <b>WP</b> = White<br><b>BL</b> = Black                             |        |  |

| Image                                                                                                                                                                    | Part Code                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Pack                     | Unit                                                                                  | Application                                                                                                                                                        | Colour |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------|
|                                                                                         | <b>ACUL267</b><br>Lift Lever Handle Lock with Left Hand Keep<br><br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Lift Level Handle Lock</li><li>• 1 x Left Hand Full Height Keep</li></ul><br><b>Viewed Externally</b><br><br>Left Hand Open Out    Right Hand Open In<br><br> | 1                        | Pack                                                                                  | <b>ACDV251</b><br><b>ACDV737</b><br><b>ACDV738</b><br><b>ACET480</b><br><b>ACET484</b><br><b>ACET486</b><br><b>ACET487</b><br><b>ACSM015SS</b><br><b>ACSM040SS</b> | MF     | <input checked="" type="checkbox"/> |
|                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                       |                                                                                                                                                                    | SA     | <input type="checkbox"/>            |
|                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                       |                                                                                                                                                                    | KL     | <input type="checkbox"/>            |
|                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                       |                                                                                                                                                                    | HP     | <input type="checkbox"/>            |
|                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                       |                                                                                                                                                                    | SSC    | <input type="checkbox"/>            |
|                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                       |                                                                                                                                                                    | SMC    | <input type="checkbox"/>            |
|                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                       |                                                                                                                                                                    | W      | <input type="checkbox"/>            |
|                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                       |                                                                                                                                                                    | Z      | <input type="checkbox"/>            |
|                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |                                                                                       |                                                                                                                                                                    | PC     | <input type="checkbox"/>            |
|  <p>T-BARS<br/>ACVG65=2.5mm<br/>ACVG66=3.0mm<br/>ACVL150=4.0mm</p> <p>Screw (Grub)</p> | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome                                                                                                                                                                                                                                                                                                | WP = White<br>BL = Black |  |                                                                                                                                                                    |        |                                     |

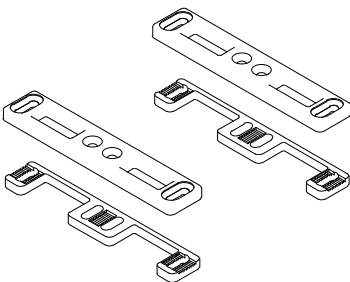
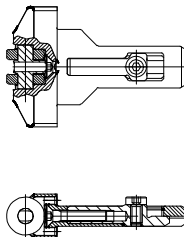
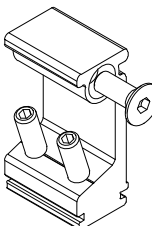
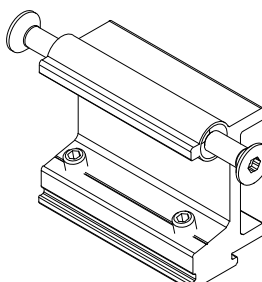
| Image                                                                              | Part Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Pack | Unit | Application                                                                                                                                                                                               | Colour                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>ACUL268</b></p> <p>Lift Lever Handle Lock with Right Hand Keep</p> <p>Kit includes:</p> <ul style="list-style-type: none"><li>• 1 x Lift Level Handle Lock</li><li>• 1 x Right Hand Full Height Keep</li></ul> <p><b>Viewed Externally</b></p> <div></div> <p>Left Hand Open In      Right Hand Open Out</p>   | 1    | Pack | <p><b>ACDV251</b></p> <p><b>ACDV737</b></p> <p><b>ACDV738</b></p> <p><b>ACET480</b></p> <p><b>ACET484</b></p> <p><b>ACET486</b></p> <p><b>ACET487</b></p> <p><b>ACSM015SS</b></p> <p><b>ACSM040SS</b></p> | <div><div>MF</div><div>✓</div></div> <div><div>SA</div><div></div></div> <div><div>KL</div><div></div></div> <div><div>HP</div><div></div></div> <div><div>SSC</div><div></div></div> <div><div>SMC</div><div></div></div> <div><div>W</div><div></div></div> <div><div>Z</div><div></div></div> <div><div>PC</div><div></div></div> |
|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |      |      |                                                                                                                                                                                                           | <div><p>T-BARS<br/>ACVG65=2.5mm<br/>ACVG66=3.0mm<br/>ACVL150=4.0mm</p></div> <div><p>Screw (Grub)</p></div>                                                    |

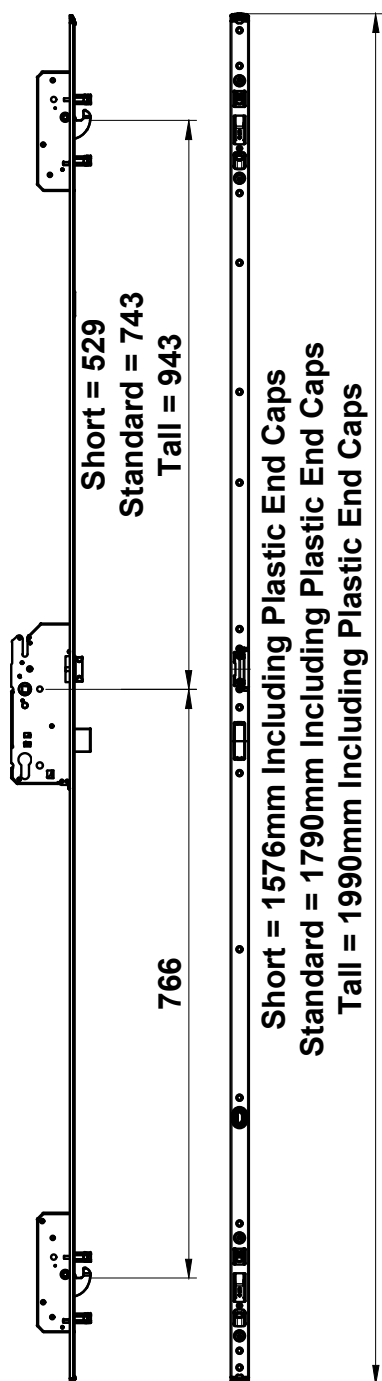
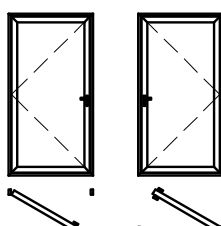
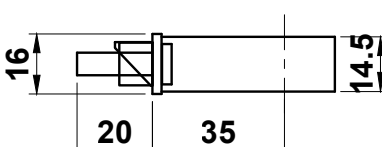
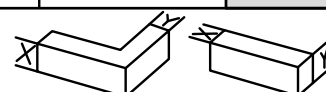
ACCESSORIES : PHOTOS & DRAWINGS

| Image                                                                                                                                      | Part Code                                                                                        | Pack                                                                                                                                                                                                              | Unit                                   | Application                                                                                                                                                                          | Colour                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
|                                                          | <b>ACUL276</b><br><br>Secondary Door Lock                                                        | 1                                                                                                                                                                                                                 | Pack                                   | <b>ACDV251</b><br><b>ACDV737</b><br><b>ACDV738</b><br><b>ACET480</b><br><b>ACET484</b><br><b>ACET486</b><br><b>ACET487</b><br><b>ACSM015SS</b><br><b>ACSM040SS</b><br><b>ACUL279</b> | MF <input checked="" type="checkbox"/> |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SA <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | KL <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | HP <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SSC <input type="checkbox"/>           |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SMC <input type="checkbox"/>           |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | WP <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | BL <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | PC <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      |                                        |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | MF <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SA <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | KL <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | HP <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SSC <input type="checkbox"/>           |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SMC <input type="checkbox"/>           |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | WP <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | BL <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | PC <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | MF <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SA <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | KL <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | HP <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SSC <input type="checkbox"/>           |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SMC <input type="checkbox"/>           |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | WP <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | BL <input type="checkbox"/>            |
|                                                                                                                                            |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | PC <input type="checkbox"/>            |
|  T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm |  Screw (Grub) | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome | <b>WP</b> = White<br><b>BL</b> = Black |            |                                        |

| Image                                                                                                                                          | Part Code                                                                                                                                                                                                                                                                                                                                                                                                                     | Pack                                                                                                                                                                                                              | Unit                                   | Application                                                                                                                                                                          | Colour                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                              | <b>ACUL277</b><br><br>Lift Lever Primary Double Door Lock Left Hand Keep<br><br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Primary Double Door Lock</li><li>• 1 x Left Hand Full Height Keep</li></ul> <div><p>Viewed Externally</p></div> | 1                                                                                                                                                                                                                 | Pack                                   | <b>ACDV251</b><br><b>ACDV737</b><br><b>ACDV738</b><br><b>ACET480</b><br><b>ACET484</b><br><b>ACET486</b><br><b>ACET487</b><br><b>ACSM015SS</b><br><b>ACSM040SS</b><br><b>ACUL276</b> | MF                                                                                  | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SA                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | KL                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | HP                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SSC                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | SMC                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | W                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | Z                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      | PC                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      |  | <b>ACUL278</b><br><br>Lift Lever Primary Double Door Lock Right Hand Keep<br><br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Primary Double Door Lock</li><li>• 1 x Right Hand Full Height Keep</li></ul> <div><p>Viewed Externally</p></div> |
| SA                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| KL                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| HP                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SSC                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SMC                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| W                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Z                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PC                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                   |                                        |                                                                                                                                                                                      |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub)                                                                                                                                                                                                                                                                                                                           | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome | <b>WP</b> = White<br><b>BL</b> = Black |            |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |

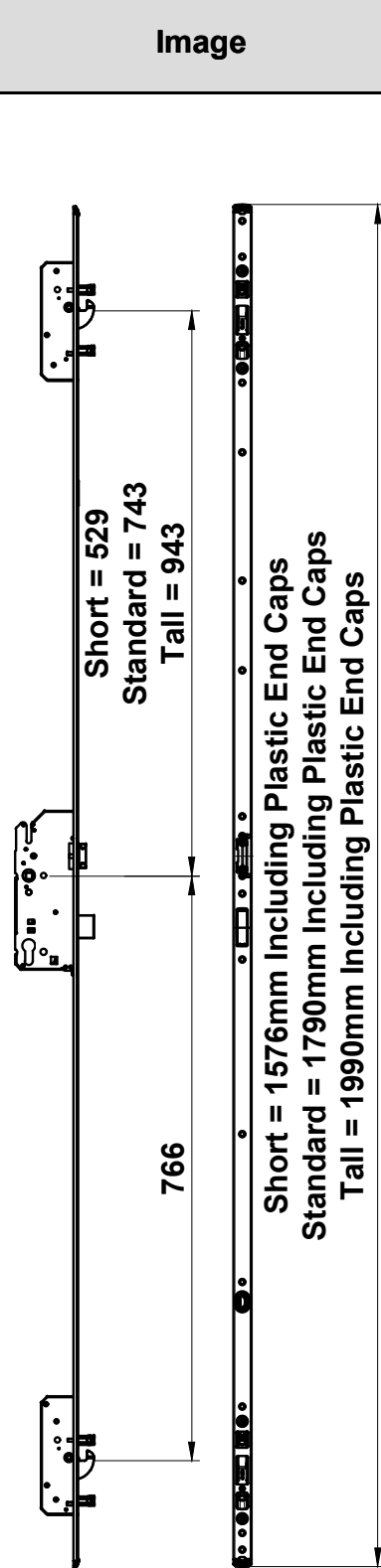
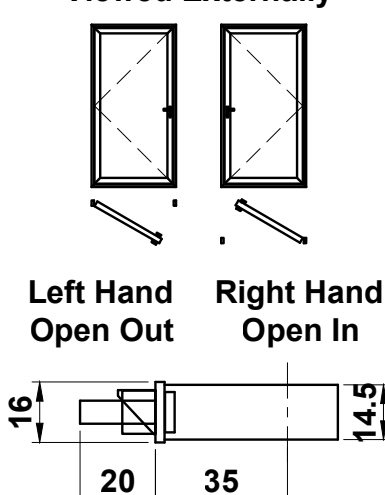
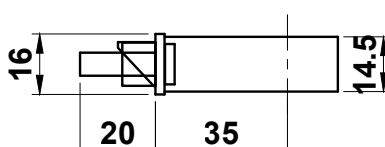
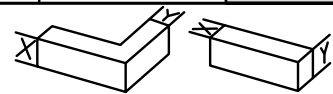
## ACCESSORIES : PHOTOS & DRAWINGS

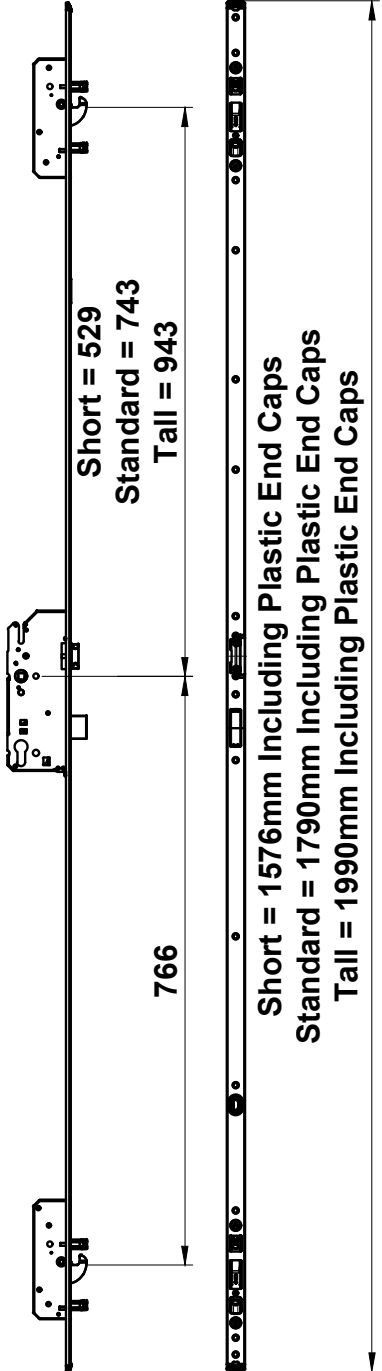
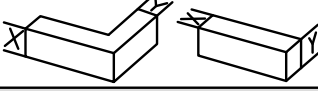
| Image                                                                              | Part Code                                                                                   | Pack | Unit | Application                                                | Colour                                                                                                                                        |                                                                                                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|   | <b>ACUL279</b><br><br>Double Door Keep Kit<br>Kit contains:<br>2 x Keeps<br>2 x Base Plates | 1    | Kit  | ACDV737<br>ACDV738<br>ETD410<br>ETD490<br>ETD492<br>ETD497 | MF                                                                                                                                            | ✓                                                                                                   |
|                                                                                    |                                                                                             |      |      |                                                            | SA                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | KL                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | HP                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | SSC                                                                                                                                           |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | SMC                                                                                                                                           |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | WP                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | BL                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | PC                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            |                                                              | <b>ACUL291</b><br><br>Roller Latch                                                                  |
| SA                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| KL                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| HP                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| SSC                                                                                |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| SMC                                                                                |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| WP                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| BL                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| PC                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
|  | <b>ACUL295</b><br><br>Low Threshold Bracket                                                 | 1    | Pair | <b>ETD490</b><br><b>ETD492</b><br><b>ETD495</b>            |                                                                                                                                               |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | SA                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | KL                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | HP                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | SSC                                                                                                                                           |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | SMC                                                                                                                                           |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | WP                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | BL                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | PC                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            |                                                            | <b>ACUL299</b><br><br>Transom/Mullion Bracket                                                       |
| SA                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| KL                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| HP                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| SSC                                                                                |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| SMC                                                                                |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| WP                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| BL                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
| PC                                                                                 |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | SA                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | KL                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | HP                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | SSC                                                                                                                                           |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | SMC                                                                                                                                           |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | WP                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | BL                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | PC                                                                                                                                            |                                                                                                     |
|                                                                                    |                                                                                             |      |      |                                                            | <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub) |
|                                                                                    |                                                                                             |      |      |                                                            |                                                                                                                                               |                                                                                                     |

| Image                                                                                                                                          | Part Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Pack                                                                                                                                                             | Unit                     | Application                                                                           | Colour |   |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|--------|---|
|                                                              | <b>Slam Lock</b><br><b>Left Hand Keep</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>1</b>                                                                                                                                                         | <b>Pack</b>              | <b>ACSM015SS</b><br><b>ACSM020SS</b><br><b>ACSM021SS</b>                              | MF     | ✓ |
|                                                                                                                                                | <b>ACUL360</b><br>Short<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Short Slam Multi Point Lock</li><li>• 1 x Short Left Hand full height keep</li><li>• 2 x Release Magnets</li></ul> <b>ACUL280</b><br>Standard<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Slam Multi Point Lock</li><li>• 1 x Left Hand full height Keep</li><li>• 2 x Release Magnets</li></ul> <b>ACUL380</b><br>Tall<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Tall Slam Multi Point Lock</li><li>• 1 x Tall Left Hand full height keep</li><li>• 2 x Release Magnets</li></ul> <b>Viewed Externally</b><br><br><b>Left Hand Open Out</b> <b>Right Hand Open In</b><br> |                                                                                                                                                                  |                          |                                                                                       | SA     |   |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |                          |                                                                                       | KL     |   |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |                          |                                                                                       | HP     |   |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |                          |                                                                                       | SSC    |   |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |                          |                                                                                       | SMC    |   |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |                          |                                                                                       | W      |   |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |                          |                                                                                       | Z      |   |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |                          |                                                                                       | PC     |   |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |                          |                                                                                       |        |   |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |                          |                                                                                       |        |   |
|                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                  |                          |                                                                                       |        |   |
| <br>T-BARS<br>ACVG66=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome | WP = White<br>BL = Black |  |        |   |

| Image                                                                                                                                                                                                                               | Part Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Pack                                   | Unit | Application                                              | Colour |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------|----------------------------------------------------------|--------|---|
| <p>Short = 529<br/>Standard = 743<br/>Tall = 943</p> <p>Short = 1576mm Including Plastic End Caps<br/>Standard = 1790mm Including Plastic End Caps<br/>Tall = 1990mm Including Plastic End Caps</p> <p>766</p> <p>16 20 35 14.5</p> | <b>Slam Lock<br/>Right Hand Keep</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                                      | Pack | <b>ACSM015SS</b><br><b>ACSM020SS</b><br><b>ACSM021SS</b> | MF     | ✓ |
|                                                                                                                                                                                                                                     | SA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |      |                                                          |        |   |
|                                                                                                                                                                                                                                     | KL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |      |                                                          |        |   |
|                                                                                                                                                                                                                                     | HP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |      |                                                          |        |   |
|                                                                                                                                                                                                                                     | SSC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |      |                                                          |        |   |
|                                                                                                                                                                                                                                     | SMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                        |      |                                                          |        |   |
|                                                                                                                                                                                                                                     | W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        |      |                                                          |        |   |
|                                                                                                                                                                                                                                     | Z                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        |      |                                                          |        |   |
|                                                                                                                                                                                                                                     | PC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                        |      |                                                          |        |   |
|                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                        |      |                                                          |        |   |
| <p>T-BARS<br/>ACVG65=2.5mm<br/>ACVG66=3.0mm<br/>ACVL150=4.0mm</p> <p>Screw (Grub)</p>                                                                                                                                               | <b>ACUL361</b><br>Short<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Short Slam Multi Point Lock</li><li>• 1 x Short Right Hand full height keep</li><li>• 2 x Release Magnets</li></ul> <b>ACUL281</b><br>Standard<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Slam Multi Point Lock</li><li>• 1 x Right Hand full height Keep</li><li>• 2 x Release Magnets</li></ul> <b>ACUL381</b><br>Tall<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Tall Slam Multi Point Lock</li><li>• 1 x Tall Right Hand full height keep</li><li>• 2 x Release Magnets</li></ul> <b>Viewed Externally</b><br><p>Left Hand Open In      Right Hand Open Out</p> |                                        |      |                                                          |        |   |
|                                                                                                                                                                                                                                     | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>WP</b> = White<br><b>BL</b> = Black |      |                                                          |        |   |



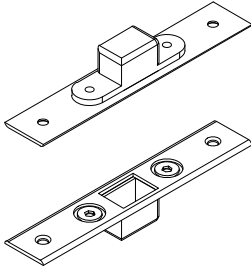
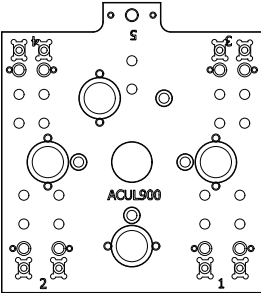
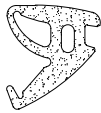
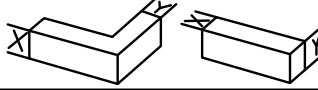
| Image                                                                                                                                                                                                                                              | Part Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Pack                                   | Unit                                                                                  | Application                                                                                                                                                        | Colour                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |    |                                     |    |                          |    |                          |    |                          |     |                          |     |                          |   |                          |   |                          |    |                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------------------|----|--------------------------|----|--------------------------|----|--------------------------|-----|--------------------------|-----|--------------------------|---|--------------------------|---|--------------------------|----|--------------------------|
|                                                                                                                                                                  | <b>Key Wind<br/>Left Hand Keep</b><br><br><b>ACUL362</b><br>Short<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Short key wind multi point lock</li><li>• 1 x Short Left Hand full height keep</li></ul><br><b>ACUL282</b><br>Standard<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Keywind Multi Point Lock</li><li>• 1 x Left Hand full height Keep</li></ul><br><b>ACUL382</b><br>Tall<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Tall key wind multi point lock</li><li>• 1 x Tall Left Hand full height keep</li></ul><br><b>Viewed Externally</b><br><br><b>Left Hand<br/>Open Out</b> <b>Right Hand<br/>Open In</b><br> | 1                                      | Pack                                                                                  | <b>ACDV251</b><br><b>ACDV737</b><br><b>ACDV738</b><br><b>ACET480</b><br><b>ACET484</b><br><b>ACET486</b><br><b>ACET487</b><br><b>ACSM015SS</b><br><b>ACSM040SS</b> | <table><tr><td>MF</td><td><input checked="" type="checkbox"/></td></tr><tr><td>SA</td><td><input type="checkbox"/></td></tr><tr><td>KL</td><td><input type="checkbox"/></td></tr><tr><td>HP</td><td><input type="checkbox"/></td></tr><tr><td>SSC</td><td><input type="checkbox"/></td></tr><tr><td>SMC</td><td><input type="checkbox"/></td></tr><tr><td>W</td><td><input type="checkbox"/></td></tr><tr><td>Z</td><td><input type="checkbox"/></td></tr><tr><td>PC</td><td><input type="checkbox"/></td></tr></table> | MF | <input checked="" type="checkbox"/> | SA | <input type="checkbox"/> | KL | <input type="checkbox"/> | HP | <input type="checkbox"/> | SSC | <input type="checkbox"/> | SMC | <input type="checkbox"/> | W | <input type="checkbox"/> | Z | <input type="checkbox"/> | PC | <input type="checkbox"/> |
|                                                                                                                                                                                                                                                    | MF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input checked="" type="checkbox"/>    |                                                                                       |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                     |    |                          |    |                          |    |                          |     |                          |     |                          |   |                          |   |                          |    |                          |
| SA                                                                                                                                                                                                                                                 | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |                                                                                       |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                     |    |                          |    |                          |    |                          |     |                          |     |                          |   |                          |   |                          |    |                          |
| KL                                                                                                                                                                                                                                                 | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |                                                                                       |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                     |    |                          |    |                          |    |                          |     |                          |     |                          |   |                          |   |                          |    |                          |
| HP                                                                                                                                                                                                                                                 | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |                                                                                       |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                     |    |                          |    |                          |    |                          |     |                          |     |                          |   |                          |   |                          |    |                          |
| SSC                                                                                                                                                                                                                                                | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |                                                                                       |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                     |    |                          |    |                          |    |                          |     |                          |     |                          |   |                          |   |                          |    |                          |
| SMC                                                                                                                                                                                                                                                | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |                                                                                       |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                     |    |                          |    |                          |    |                          |     |                          |     |                          |   |                          |   |                          |    |                          |
| W                                                                                                                                                                                                                                                  | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |                                                                                       |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                     |    |                          |    |                          |    |                          |     |                          |     |                          |   |                          |   |                          |    |                          |
| Z                                                                                                                                                                                                                                                  | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |                                                                                       |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                     |    |                          |    |                          |    |                          |     |                          |     |                          |   |                          |   |                          |    |                          |
| PC                                                                                                                                                                                                                                                 | <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                        |                                                                                       |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                     |    |                          |    |                          |    |                          |     |                          |     |                          |   |                          |   |                          |    |                          |
| <br>T-BARS<br>ACVG66=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm<br> Screw (Grub) | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>WP</b> = White<br><b>BL</b> = Black |  |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                                     |    |                          |    |                          |    |                          |     |                          |     |                          |   |                          |   |                          |    |                          |

| Image                                                                             | Part Code                                                                                                                                                                                                                                                                                                                                                                                                                         | Pack                     | Unit                                                                                  | Application                                                                                         | Colour                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Key Wind Right Hand Keep</b><br><br><b>ACUL363</b><br>Short<br>Kit includes:<br>• 1 x Short key wind multi point lock<br>• 1 x Short Right Hand full height keep<br><br><b>ACUL283</b><br>Standard<br>Kit includes:<br>• 1 x Lift Lever Multi Point Lock<br>• 1 x Right Hand full height Keep<br><br><b>ACUL383</b><br>Tall<br>Kit includes:<br>• 1 x Tall key wind multi point lock<br>• 1 x Tall Right Hand full height keep | 1                        | Pack                                                                                  | ACDV251<br>ACDV737<br>ACDV738<br>ACET480<br>ACET484<br>ACET486<br>ACET487<br>ACSM015SS<br>ACSM040SS | MF <input checked="" type="checkbox"/><br>SA <input type="checkbox"/><br>KL <input type="checkbox"/><br>HP <input type="checkbox"/><br>SSC <input type="checkbox"/><br>SMC <input type="checkbox"/><br>W <input type="checkbox"/><br>Z <input type="checkbox"/><br>PC <input type="checkbox"/> |
|                                                                                   | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome                                                                                                                                                                                                                                                                  | WP = White<br>BL = Black |  |                                                                                                     |                                                                                                                                                                                                                                                                                                |

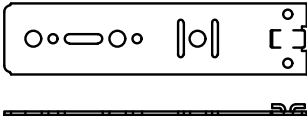
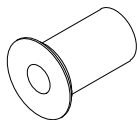
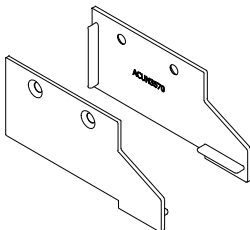
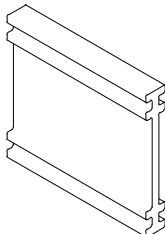
| Image | Part Code                                                                                                                                                                                                                                                                                                                                                                           | Pack                     | Unit | Application                                                                            | Colour                                                                                                                                                                                                                                                                                         |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | <b>Lift Lever</b><br><b>Left Hand Keep</b><br><br><b>ACUL377</b><br>Short<br>Kit includes:<br>• 1 x Lift Lever Lock<br>• 1 x Left Hand Full Height Keep<br><br><b>ACUL272</b><br>Standard<br>Kit includes:<br>• 1 x Lift Lever Lock<br>• 1 x Left Hand Full Height Keep<br><br><b>ACUL374</b><br>Tall<br>Kit includes:<br>• 1 x Lift Lever Lock<br>• 1 x Left Hand Full Height Keep | 1                        | Pack | <b>ACDV251</b><br><b>ACET480</b><br><b>ACET484</b><br><b>ACET486</b><br><b>ACET487</b> | MF <input checked="" type="checkbox"/><br>SA <input type="checkbox"/><br>KL <input type="checkbox"/><br>HP <input type="checkbox"/><br>SSC <input type="checkbox"/><br>SMC <input type="checkbox"/><br>W <input type="checkbox"/><br>Z <input type="checkbox"/><br>PC <input type="checkbox"/> |
|       | <b>Viewed Externally</b><br><br><b>Left Hand Open Out</b> <b>Right Hand Open In</b>                                                                                                                                                                                                                                                                                                 |                          |      |                                                                                        |                                                                                                                                                                                                                                                                                                |
|       | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome                                                                                                                                                                                                                    | WP = White<br>BL = Black |      |                                                                                        |                                                                                                                                                                                                                                                                                                |

| Image                                                                                       | Part Code                                                                                                                                                                                                                        | Pack        | Unit        | Application                                                                | Colour                                                                                                                        |
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|                                                                                             | <b>Lift Lever<br/>Right Hand Keep</b>                                                                                                                                                                                            | <b>1</b>    | <b>Pack</b> | <b>ACDV251<br/>ACET480<br/>ACET484<br/>ACET486<br/>ACET487<br/>ACUL276</b> | <div>MF</div> <div>SA</div> <div>KL</div> <div>HP</div> <div>SSC</div> <div>SMC</div> <div>W</div> <div>Z</div> <div>PC</div> |
|                                                                                             | <b>ACUL378</b><br>Short<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Lift Lever Lock</li><li>• 1 x Right Hand Full Height Keep</li></ul>                                                                         |             |             |                                                                            |                                                                                                                               |
|                                                                                             | <b>ACUL273</b><br>Standard<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Lift Lever Lock</li><li>• 1 x Right Hand Full Height Keep</li></ul>                                                                      |             |             |                                                                            |                                                                                                                               |
|                                                                                             | <b>ACUL375</b><br>Tall<br>Kit includes: <ul style="list-style-type: none"><li>• 1 x Lift Lever Lock</li><li>• 1 x Right Hand Full Height Keep</li></ul>                                                                          |             |             |                                                                            |                                                                                                                               |
|                                                                                             | <b>Viewed Externally</b><br><br>Left Hand Open In      Right Hand Open Out                                                                                                                                                       |             |             |                                                                            |                                                                                                                               |
|                                                                                             |                                                                                                                                                                                                                                  |             |             |                                                                            |                                                                                                                               |
|                                                                                             |                                                                                                                                                                                                                                  |             |             |                                                                            |                                                                                                                               |
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|                                                                                             |                                                                                                                                                                                                                                  |             |             |                                                                            |                                                                                                                               |
| <div><div>T-BARS<br/>ACVG65=2.5mm<br/>ACVG66=3.0mm<br/>ACVL150=4.0mm</div><div></div></div> | <div><div>MF = Mill Finish<br/>SA = Silver Anodised<br/>KL = Basic Colour<br/>HP = Special Colour<br/>SSC = Smooth Satin Chrome<br/>SMC = Smokey Chrome<br/>PC = Polished Chrome</div><div>WP = White<br/>BL = Black</div></div> | <div></div> |             |                                                                            |                                                                                                                               |

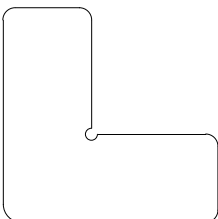
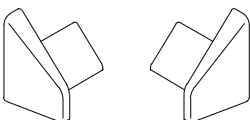
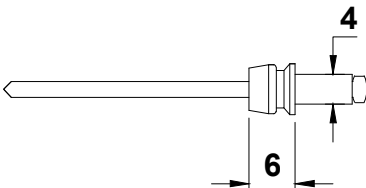
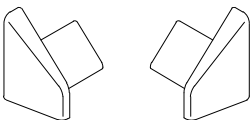
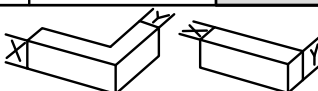
ACCESSORIES : PHOTOS & DRAWINGS

| Image                                                                                                                                       | Part Code                                                                                        | Pack                                                                                                                                                                                                              | Unit                                   | Application                                                                           | Colour                                 |
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|                                                            | <b>ACUL390</b><br><br>Finger Bolt Flat Keep                                                      | 1                                                                                                                                                                                                                 | Pair                                   | <b>All Locks Excluding ACUL276 ACUL277 ACUL278</b>                                    | MF <input checked="" type="checkbox"/> |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SA <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | KL <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | HP <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SSC <input type="checkbox"/>           |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SMC <input type="checkbox"/>           |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | WP <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | BL <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | PC <input type="checkbox"/>            |
|                                                            | <b>ACUL900</b><br><br>Punch Tool                                                                 | 1                                                                                                                                                                                                                 | each                                   | ETD402<br>ETD404<br>ETD410<br>ETD4204<br>ETD4205<br>ETD424                            | MF <input checked="" type="checkbox"/> |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SA <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | KL <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | HP <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SSC <input type="checkbox"/>           |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SMC <input type="checkbox"/>           |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | WP <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | BL <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | PC <input type="checkbox"/>            |
|                                                           | <b>ACUL950</b><br><br>Drill Jig for Hinges                                                       | 1                                                                                                                                                                                                                 | each                                   | <b>ACUL250 ETD410 ETD424 ETD4204 ETD4205</b>                                          | MF <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SA <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | KL <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | HP <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SSC <input type="checkbox"/>           |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SMC <input type="checkbox"/>           |
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|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | BL <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | PC <input type="checkbox"/>            |
|                                                          | <b>ACUN033</b><br><br>3 - 5mm Glazing Gasket                                                     | 100                                                                                                                                                                                                               | m                                      |                                                                                       | MF <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SA <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | KL <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | HP <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SSC <input type="checkbox"/>           |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SMC <input type="checkbox"/>           |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | WP <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | BL <input checked="" type="checkbox"/> |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | PC <input type="checkbox"/>            |
|                                                          | <b>ACUN036</b><br><br>6 - 8mm Glazing Gasket                                                     | 100                                                                                                                                                                                                               | m                                      |                                                                                       | MF <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SA <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | KL <input type="checkbox"/>            |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | HP <input type="checkbox"/>            |
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|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | SMC <input type="checkbox"/>           |
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|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | BL <input checked="" type="checkbox"/> |
|                                                                                                                                             |                                                                                                  |                                                                                                                                                                                                                   |                                        |                                                                                       | PC <input type="checkbox"/>            |
|  T-BARS<br>ACVG66=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm |  Screw (Grub) | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome | <b>WP</b> = White<br><b>BL</b> = Black |  |                                        |

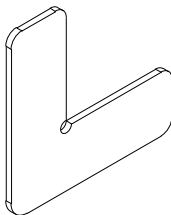
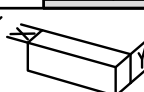
ACCESSORIES : PHOTOS & DRAWINGS

| Image                                                                               | Part Code                                                                                                                      | Pack | Unit | Application                                                                  | Colour                                                                                                                                        |                                                                                                     |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------|------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|    | <b>ACUN23X</b><br><br>Screw Fixing Lug<br>B x 38mm x 2mm<br><br>ACUN230: B = 160mm<br>ACUN232: B = 240mm<br>ACUN233: B = 280mm | 100  | Pack | ETC451<br>ETC452<br>ETC457<br>ETC458<br>ETC478<br>ETC479<br>ETD410<br>ETD412 | MF                                                                                                                                            | ✓                                                                                                   |
|                                                                                     |                                                                                                                                |      |      |                                                                              | SA                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | KL                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | HP                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | SSC                                                                                                                                           |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | SMC                                                                                                                                           |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | WP                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | BL                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | PC                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              |                                                              | <b>ACUN3035</b><br><br>Door Gasket                                                                  |
| SA                                                                                  |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| KL                                                                                  |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| HP                                                                                  |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| SSC                                                                                 |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| SMC                                                                                 |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| WP                                                                                  |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| BL                                                                                  | ✓                                                                                                                              |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| PC                                                                                  |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
|  | <b>ACUN3509</b><br><br>M5 Rivnut                                                                                               | 20   | Pack |                                                                              |                                                                                                                                               |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | SA                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | KL                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | HP                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | SSC                                                                                                                                           |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | SMC                                                                                                                                           |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | WP                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | BL                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | PC                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              |                                                            | <b>ACUN3570</b><br><br>UN3570 End Caps                                                              |
| SA                                                                                  |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| KL                                                                                  |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| HP                                                                                  |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| SSC                                                                                 |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| SMC                                                                                 |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| WP                                                                                  | ✓                                                                                                                              |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| BL                                                                                  | ✓                                                                                                                              |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
| PC                                                                                  |                                                                                                                                |      |      |                                                                              |                                                                                                                                               |                                                                                                     |
|  | <b>ACUN3701</b><br><br>Anti-Crush Support                                                                                      | 25   | Pack |                                                                              |                                                                                                                                               |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | SA                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | KL                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | HP                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | SSC                                                                                                                                           |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | SMC                                                                                                                                           |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | WP                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | BL                                                                                                                                            | ✓                                                                                                   |
|                                                                                     |                                                                                                                                |      |      |                                                                              | PC                                                                                                                                            |                                                                                                     |
|                                                                                     |                                                                                                                                |      |      |                                                                              | <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub) |

ACCESSORIES : PHOTOS & DRAWINGS

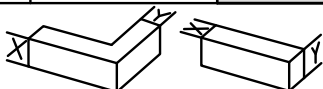
| Image                                                                                                                                          | Part Code                                                                                           | Pack                                                                                                                                                                                                              | Unit        | Application                            | Colour |                                                                                       |
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|                                                               | <b>ACVG31N</b><br><br>3mm Glazing Gasket                                                            | <b>200</b>                                                                                                                                                                                                        | <b>m</b>    |                                        | MF     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | SA     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | KL     |                                                                                       |
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|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | BL     | ✓                                                                                     |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | PC     |                                                                                       |
|                                                               | <b>ACVG520</b><br><br>Stainless Steel Chevron                                                       | <b>100</b>                                                                                                                                                                                                        | <b>pack</b> | <b>ETD4204</b>                         | MF     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | SA     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | KL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | HP     |                                                                                       |
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|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | BL     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | PC     |                                                                                       |
|                                                             | <b>ACVL059</b><br><br>End Caps                                                                      | <b>1</b>                                                                                                                                                                                                          | <b>Pair</b> | <b>VL72</b>                            | MF     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | SA     |                                                                                       |
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|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | SSC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | SMC    |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | WP     | ✓                                                                                     |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | BL     | ✓                                                                                     |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | PC     |                                                                                       |
|                                                             | <b>ACVL061</b><br><br>Rivet to secure VL72                                                          | <b>100</b>                                                                                                                                                                                                        | <b>Pack</b> | <b>VL72</b>                            | MF     | ✓                                                                                     |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | SA     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | KL     |                                                                                       |
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|                                                             | <b>ACVL072</b><br><br>Cast End Caps                                                                 | <b>1</b>                                                                                                                                                                                                          | <b>Pair</b> | <b>VL72</b>                            | MF     | ✓                                                                                     |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | SA     |                                                                                       |
|                                                                                                                                                |                                                                                                     |                                                                                                                                                                                                                   |             |                                        | KL     | ✓                                                                                     |
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| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub) | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome |             | <b>WP</b> = White<br><b>BL</b> = Black |        |  |
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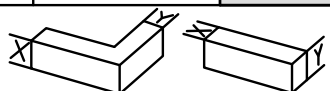
ACCESSORIES : PHOTOS & DRAWINGS

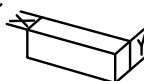
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|                                                                                                                                                                  | <b>WCA106SSZ</b><br><br>Stainless Steel Chevrone                                                                                                                                                                  | <b>50</b> | <b>pack</b> | <b>ETD402</b><br><b>ETD4204</b><br><b>ETD4205</b><br><b>ETD424</b>                                                                                                          | MF     | <input checked="" type="checkbox"/> |
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| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm<br> Screw (Grub) | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome |           |             |                                                                                                                                                                             | MF     | <input type="checkbox"/>            |
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| Image                                                                                                                                                                                                                                                                                     | Part Code                                                                                                                                                                                                              | Pack                                                                                                                                                                                  | Unit        | Application | Colour                                 |
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|                                                                                                                                                                                                          | <b>ACMX09700</b><br><br><b>Alu. Polish</b>                                                                                                                                                                             | <b>1</b>                                                                                                                                                                              | <b>each</b> |             | MF <input checked="" type="checkbox"/> |
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|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | WP <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | BL <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | PC <input type="checkbox"/>            |
|                                                                                                                                                                                                          | <b>ACMX09761</b><br><br><b>Maxi Gloss</b>                                                                                                                                                                              | <b>1</b>                                                                                                                                                                              | <b>each</b> |             | MF <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SA <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | KL <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | HP <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SSC <input type="checkbox"/>           |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SMC <input type="checkbox"/>           |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | WP <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | BL <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | PC <input type="checkbox"/>            |
|                                                                                                                                                                                                         | <b>ACMX09762</b><br><br><b>Alu. Bright</b>                                                                                                                                                                             | <b>1</b>                                                                                                                                                                              | <b>each</b> |             | MF <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SA <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | KL <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | HP <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SSC <input type="checkbox"/>           |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SMC <input type="checkbox"/>           |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | WP <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | BL <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | PC <input type="checkbox"/>            |
|                                                                                                                                                                                                        | <b>ACMX09763</b><br><br><b>Teflon Spray</b>                                                                                                                                                                            | <b>1</b>                                                                                                                                                                              | <b>each</b> |             | MF <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SA <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | KL <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | HP <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SSC <input type="checkbox"/>           |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SMC <input type="checkbox"/>           |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | WP <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | BL <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | PC <input type="checkbox"/>            |
|                                                                                                                                                                                                        | <b>ACMX09764</b><br><br><b>Maxi Clean</b>                                                                                                                                                                              | <b>1</b>                                                                                                                                                                              | <b>each</b> |             | MF <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SA <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | KL <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | HP <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SSC <input type="checkbox"/>           |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | SMC <input type="checkbox"/>           |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | WP <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | BL <input type="checkbox"/>            |
|                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                       |             |             | PC <input type="checkbox"/>            |
| <div><div>T-BARS<br/>ACVG65=2.5mm<br/>ACVG66=3.0mm<br/>ACVL150=4.0mm</div></div> <div><div>Screw (Grub)</div></div> | <div>MF = Mill Finish<br/>SA = Silver Anodised<br/>KL = Basic Colour<br/>HP = Special Colour<br/>SSC = Smooth Satin Chrome<br/>SMC = Smokey Chrome<br/>PC = Polished Chrome</div> <div>WP = White<br/>BL = Black</div> | <div></div> |             |             |                                        |

| Image                                                                                                                                         | Part Code                                                                                           | Pack                                                                                                                                                             | Unit        | Application              | Colour |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------|--------|---------------------------------------------------------------------------------------|
|                                                              | <b>ACMX09765</b><br><br><b>Glue Cleaner</b><br><br><b>De-grease and silicone remover (1 Litre).</b> | <b>1</b>                                                                                                                                                         | <b>each</b> |                          | MF     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SA     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | KL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | HP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SSC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SMC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | WP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | BL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | PC     |                                                                                       |
|                                                              | <b>ACMX09770</b><br><br><b>Roll &amp; Wrap 100mm</b>                                                | <b>1</b>                                                                                                                                                         | <b>each</b> |                          | MF     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SA     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | KL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | HP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SSC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SMC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | WP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | BL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | PC     |                                                                                       |
|                                                             | <b>ACMX09775</b><br><br><b>Grip Handwrap</b>                                                        | <b>1</b>                                                                                                                                                         | <b>each</b> |                          | MF     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SA     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | KL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | HP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SSC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SMC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | WP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | BL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | PC     |                                                                                       |
|                                                            | <b>ACMX09801</b><br><br><b>Protective Tape 50mm</b>                                                 | <b>1</b>                                                                                                                                                         | <b>each</b> |                          | MF     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SA     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | KL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | HP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SSC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SMC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | WP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | BL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | PC     |                                                                                       |
|                                                            | <b>ACMX09802</b><br><br><b>Protective Tape 70mm</b>                                                 | <b>1</b>                                                                                                                                                         | <b>each</b> |                          | MF     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SA     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | KL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | HP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SSC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | SMC    |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | WP     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | BL     |                                                                                       |
|                                                                                                                                               |                                                                                                     |                                                                                                                                                                  |             |                          | PC     |                                                                                       |
| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub) | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome |             | WP = White<br>BL = Black |        |  |

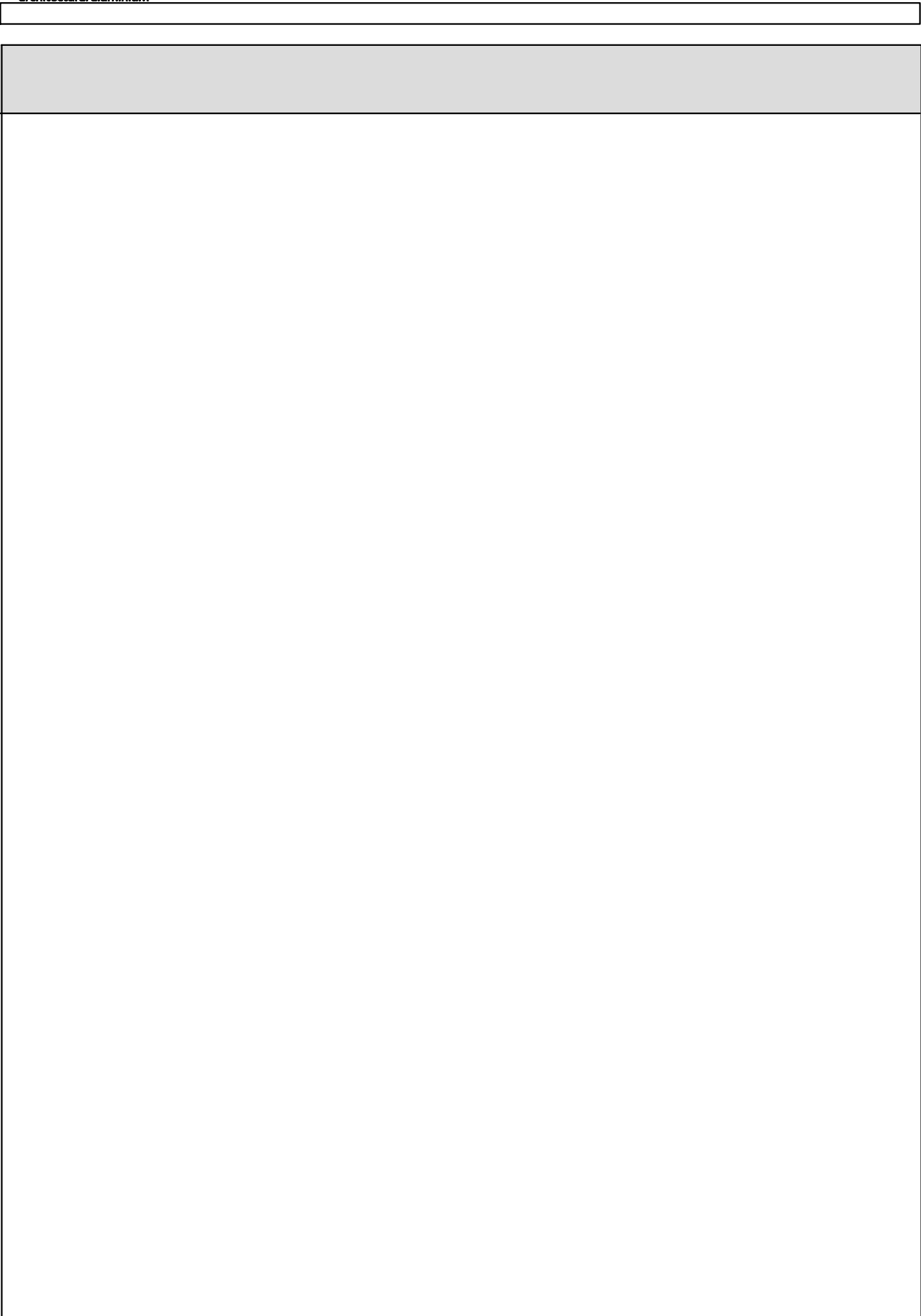
| Image                                                                                                                                          | Part Code                                                                                                                             | Pack                                                                                                                                                                                                              | Unit        | Application                            | Colour                                                                                |   |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------|---------------------------------------------------------------------------------------|---|
|                                                               | <b>ACMX09803</b><br><br><b>Protective Tape 100mm</b>                                                                                  | <b>1</b>                                                                                                                                                                                                          | <b>each</b> |                                        | MF                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SA                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | KL                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | HP                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SSC                                                                                   |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SMC                                                                                   |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | WP                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | BL                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | PC                                                                                    |   |
|                                                               | <b>ACSIL04</b><br><br><b>Sealing Glue</b><br>Order with suffix of KL<br>colour (eg.ACSIL04KL005)<br>or BL=Black/WP=White/<br>CL=Clear | <b>1</b>                                                                                                                                                                                                          | <b>each</b> |                                        | MF                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SA                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | KL                                                                                    | ✓ |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | HP                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SSC                                                                                   |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SMC                                                                                   |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | WP                                                                                    | ✓ |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | BL                                                                                    | ✓ |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | PC                                                                                    |   |
|                                                             | <b>ACSIL05</b><br><br><b>Rubber Sealant</b>                                                                                           | <b>1</b>                                                                                                                                                                                                          | <b>each</b> |                                        | MF                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SA                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | KL                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | HP                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SSC                                                                                   |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SMC                                                                                   |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | WP                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | BL                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | PC                                                                                    |   |
|                                                             | <b>ACSIL08</b><br><br><b>Silicon Gun</b>                                                                                              | <b>1</b>                                                                                                                                                                                                          | <b>each</b> |                                        | MF                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SA                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | KL                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | HP                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SSC                                                                                   |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SMC                                                                                   |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | WP                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | BL                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | PC                                                                                    |   |
|                                                             | <b>ACSIL013</b><br><br><b>Glue for Mitre</b>                                                                                          | <b>1</b>                                                                                                                                                                                                          | <b>each</b> |                                        | MF                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SA                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | KL                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | HP                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SSC                                                                                   |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | SMC                                                                                   |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | WP                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | BL                                                                                    |   |
|                                                                                                                                                |                                                                                                                                       |                                                                                                                                                                                                                   |             |                                        | PC                                                                                    |   |
| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm | <br>Screw (Grub)                                   | <b>MF</b> = Mill Finish<br><b>SA</b> = Silver Anodised<br><b>KL</b> = Basic Colour<br><b>HP</b> = Special Colour<br><b>SSC</b> = Smooth Satin Chrome<br><b>SMC</b> = Smokey Chrome<br><b>PC</b> = Polished Chrome |             | <b>WP</b> = White<br><b>BL</b> = Black |  |   |

| Image                                                                                                                                                                                                                                             | Part Code                                                                                                                                                        | Pack     | Unit        | Application                                                                                                                                                                 | Colour |                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------|
|                                                                                                                                                                  | <b>ACSIL014</b><br><br><b>Anti-Corrosion Coating</b>                                                                                                             | <b>1</b> | <b>each</b> |                                                                                                                                                                             | MF     | <input checked="" type="checkbox"/> |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SA     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | KL     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | HP     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SSC    |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SMC    |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | WP     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | BL     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | PC     |                                     |
|                                                                                                                                                                   | <b>ACUN3900</b><br><br><b>Gasket Roller</b>                                                                                                                      | <b>1</b> | <b>each</b> |                                                                                                                                                                             | MF     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SA     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | KL     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | HP     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SSC    |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SMC    |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | WP     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | BL     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | PC     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | MF     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SA     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | KL     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | HP     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SSC    |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SMC    |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | WP     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | BL     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | PC     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | MF     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SA     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | KL     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | HP     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SSC    |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SMC    |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | WP     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | BL     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | PC     |                                     |
| <br>T-BARS<br>ACVG65=2.5mm<br>ACVG66=3.0mm<br>ACVL150=4.0mm<br> Screw (Grub) | MF = Mill Finish<br>SA = Silver Anodised<br>KL = Basic Colour<br>HP = Special Colour<br>SSC = Smooth Satin Chrome<br>SMC = Smokey Chrome<br>PC = Polished Chrome |          |             |                                                                                                                                                                             | MF     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SA     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | KL     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | HP     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SSC    |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | SMC    |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | WP     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | BL     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |                                                                                                                                                                             | PC     |                                     |
|                                                                                                                                                                                                                                                   |                                                                                                                                                                  |          |             |   |        |                                     |

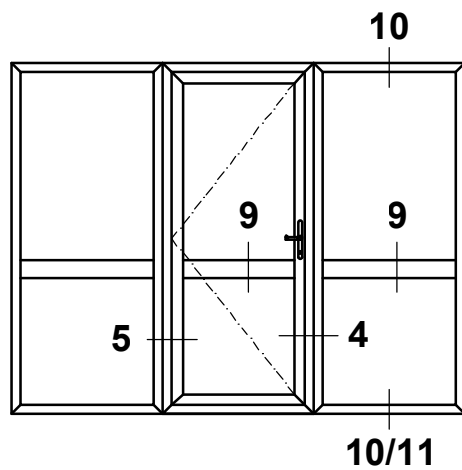
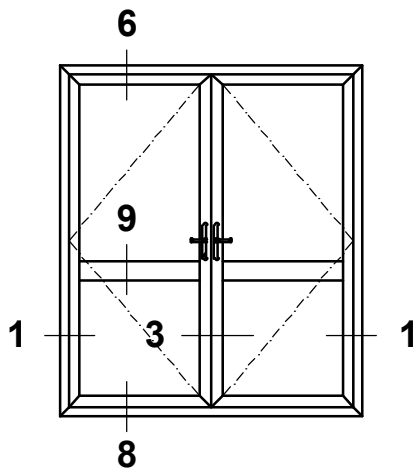
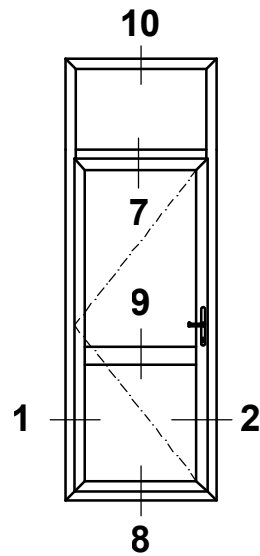
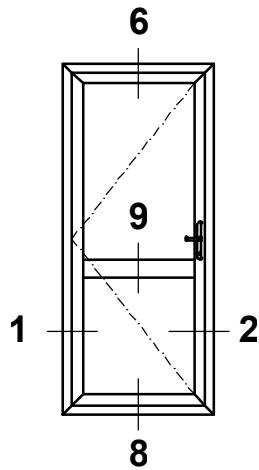
**Section C**

**Sections**

**Scale Elevations**

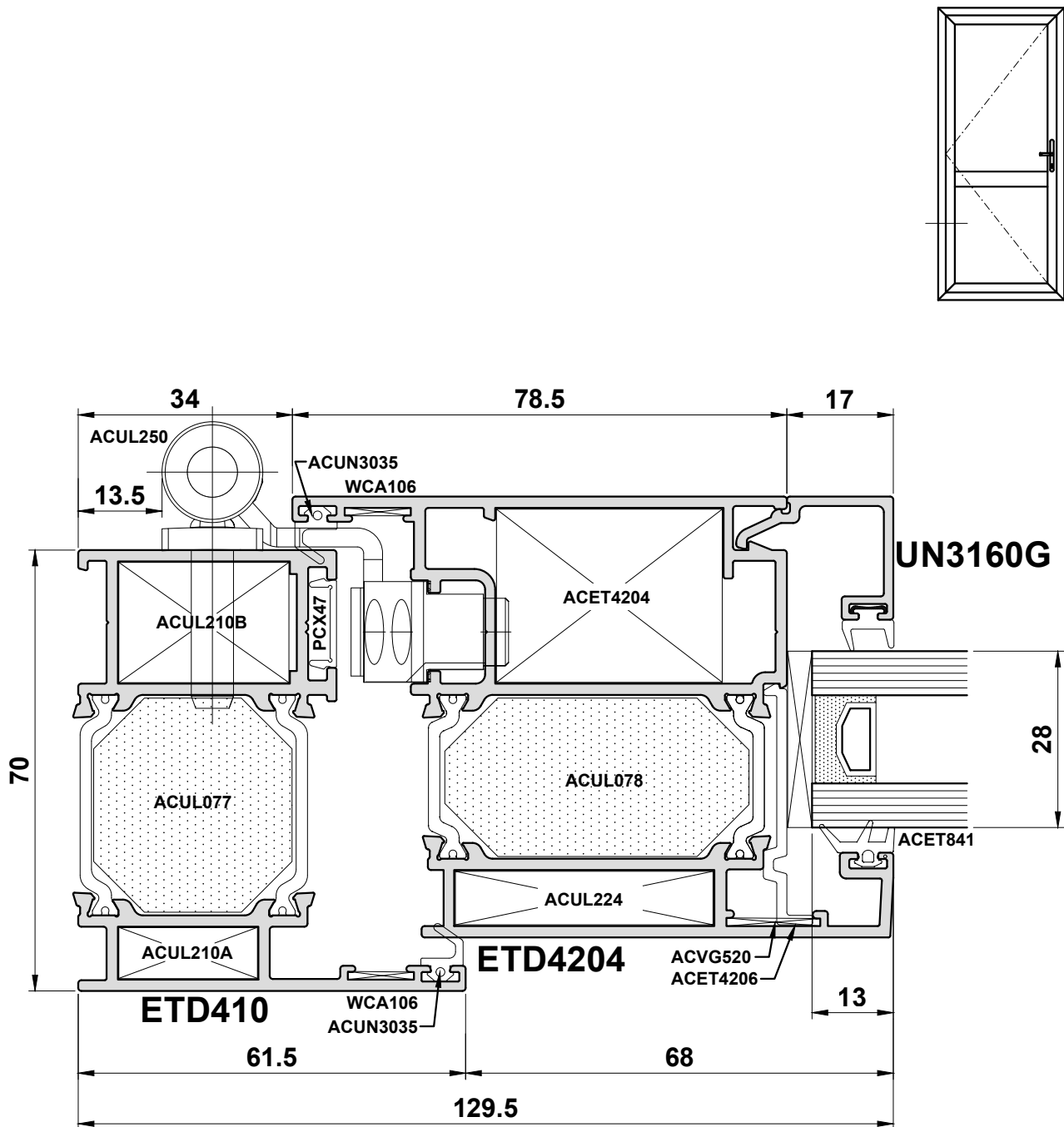


**Open In - Elevations**



**Do Not Scale From This Drawing**

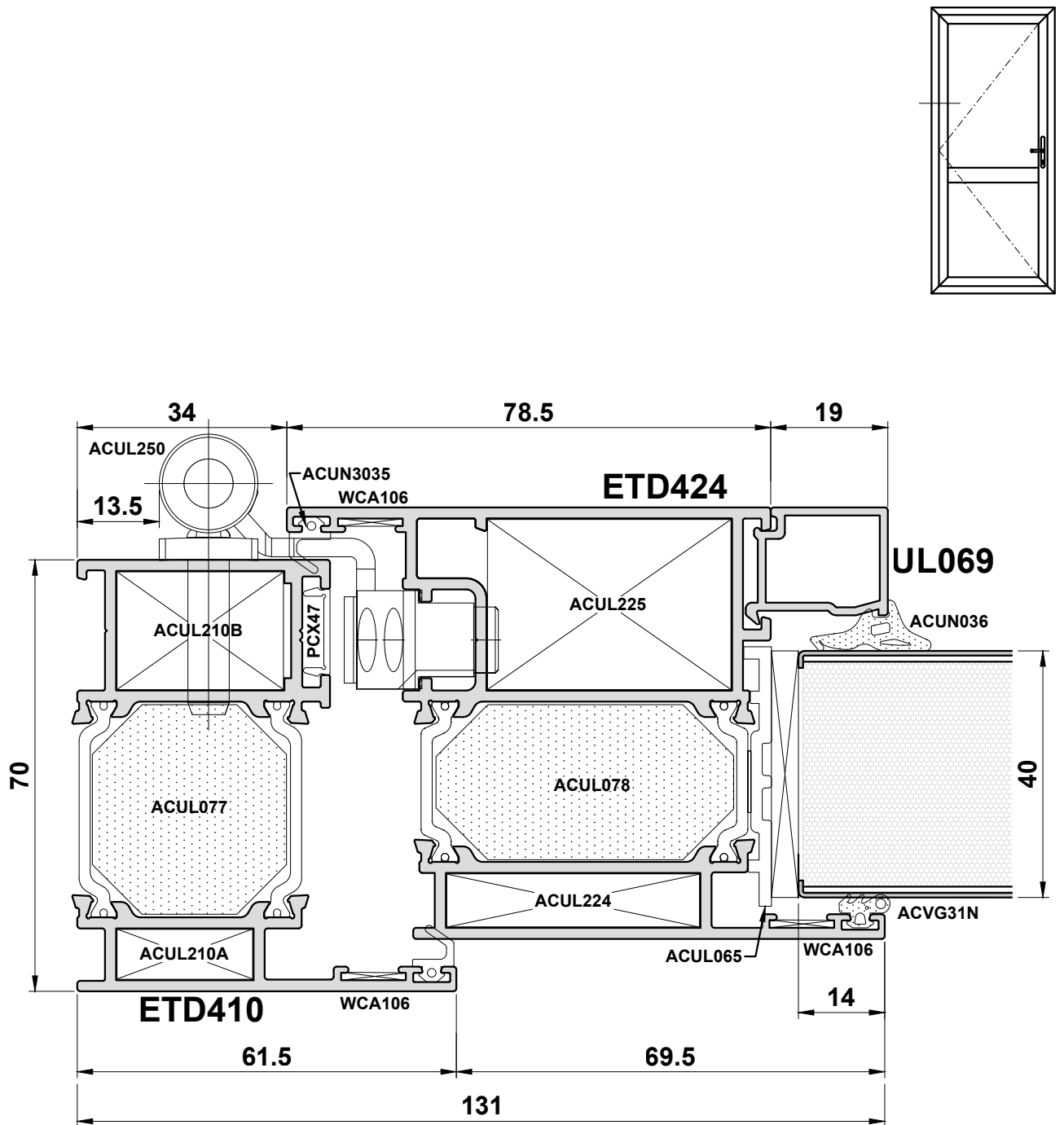
**Open In - Detail 1a**



**Do Not Scale From This Drawing**

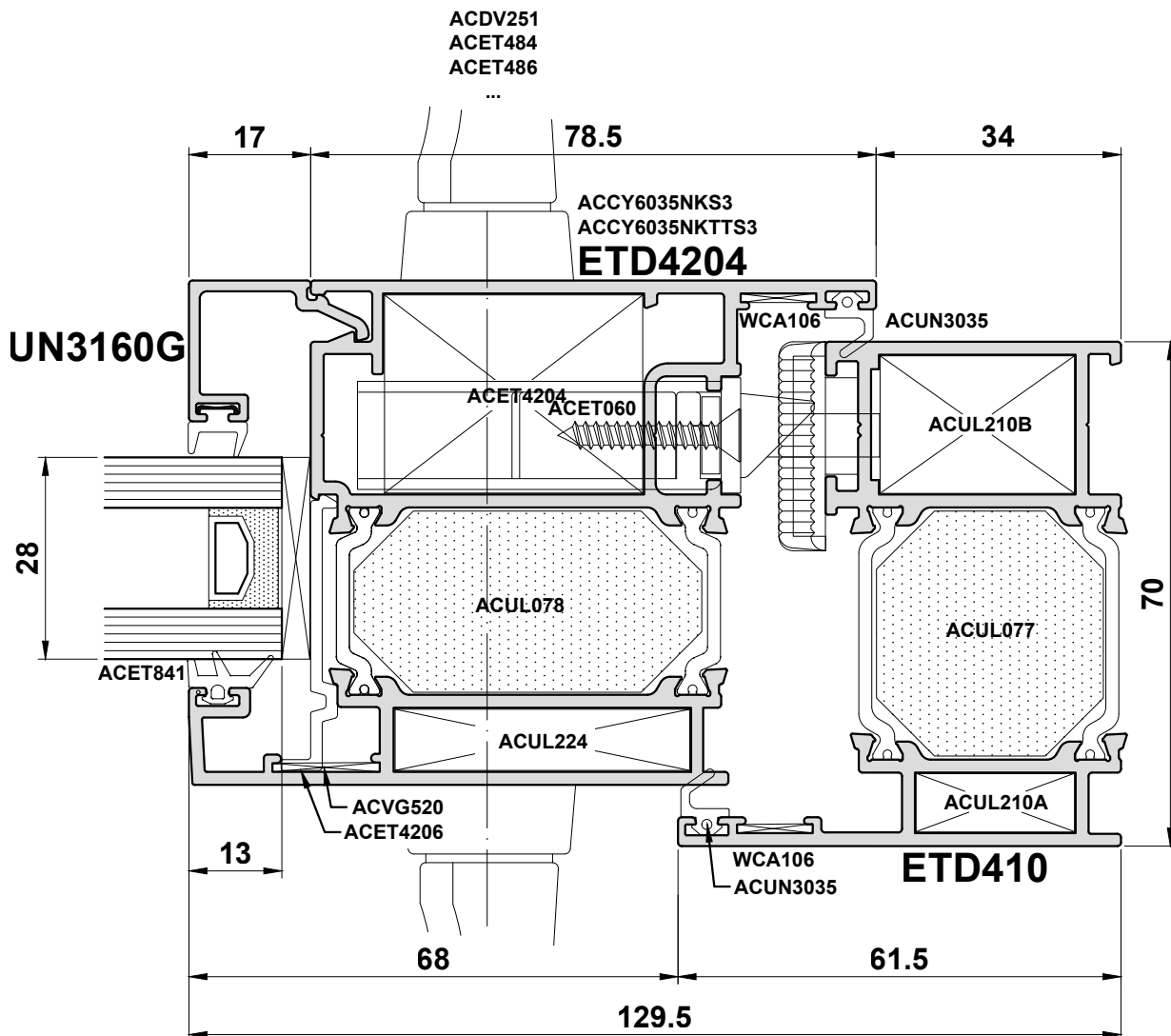


**Open In - Detail 1b**



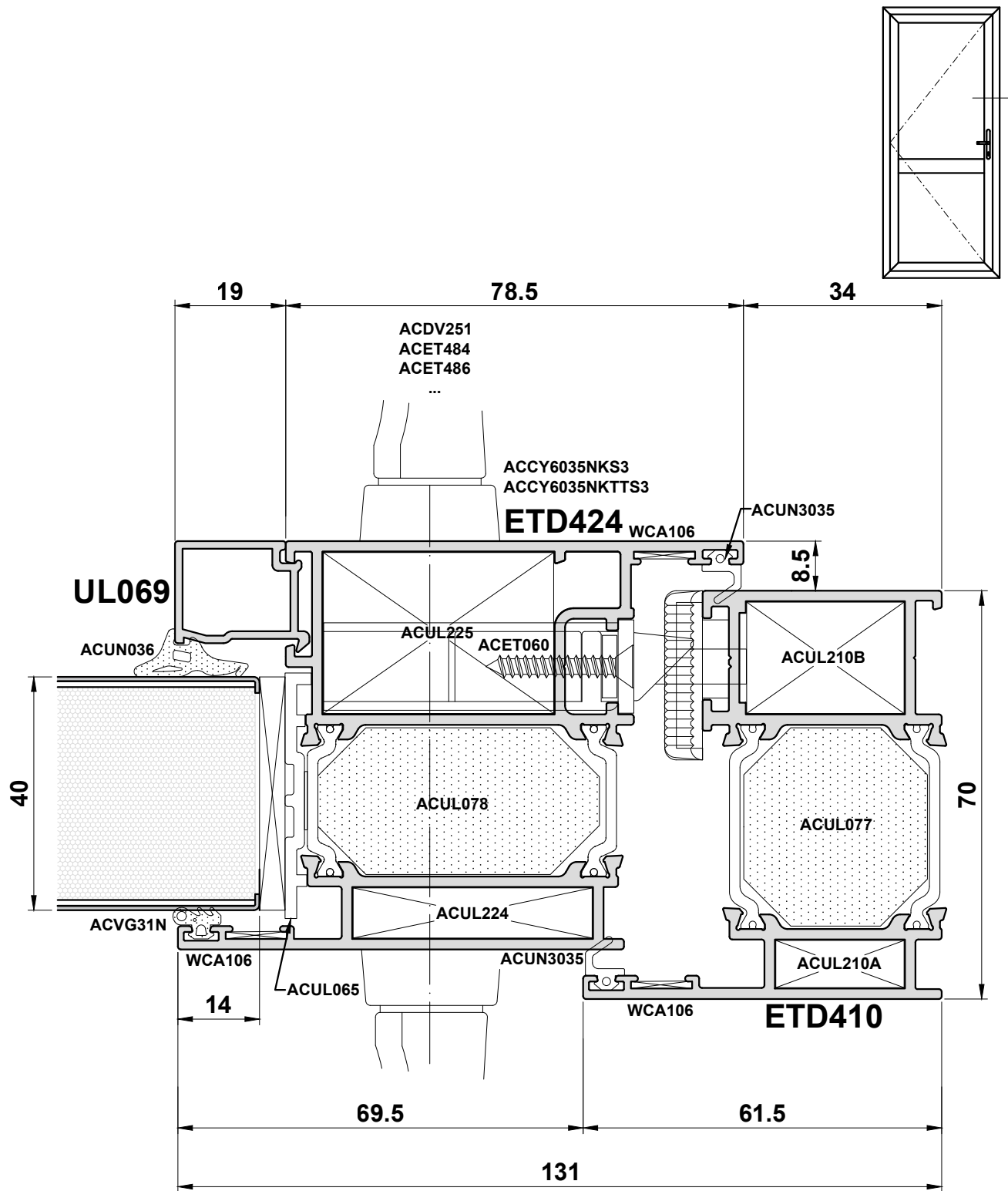
**Do Not Scale From This Drawing**

Open In - Detail 2a



Do Not Scale From This Drawing

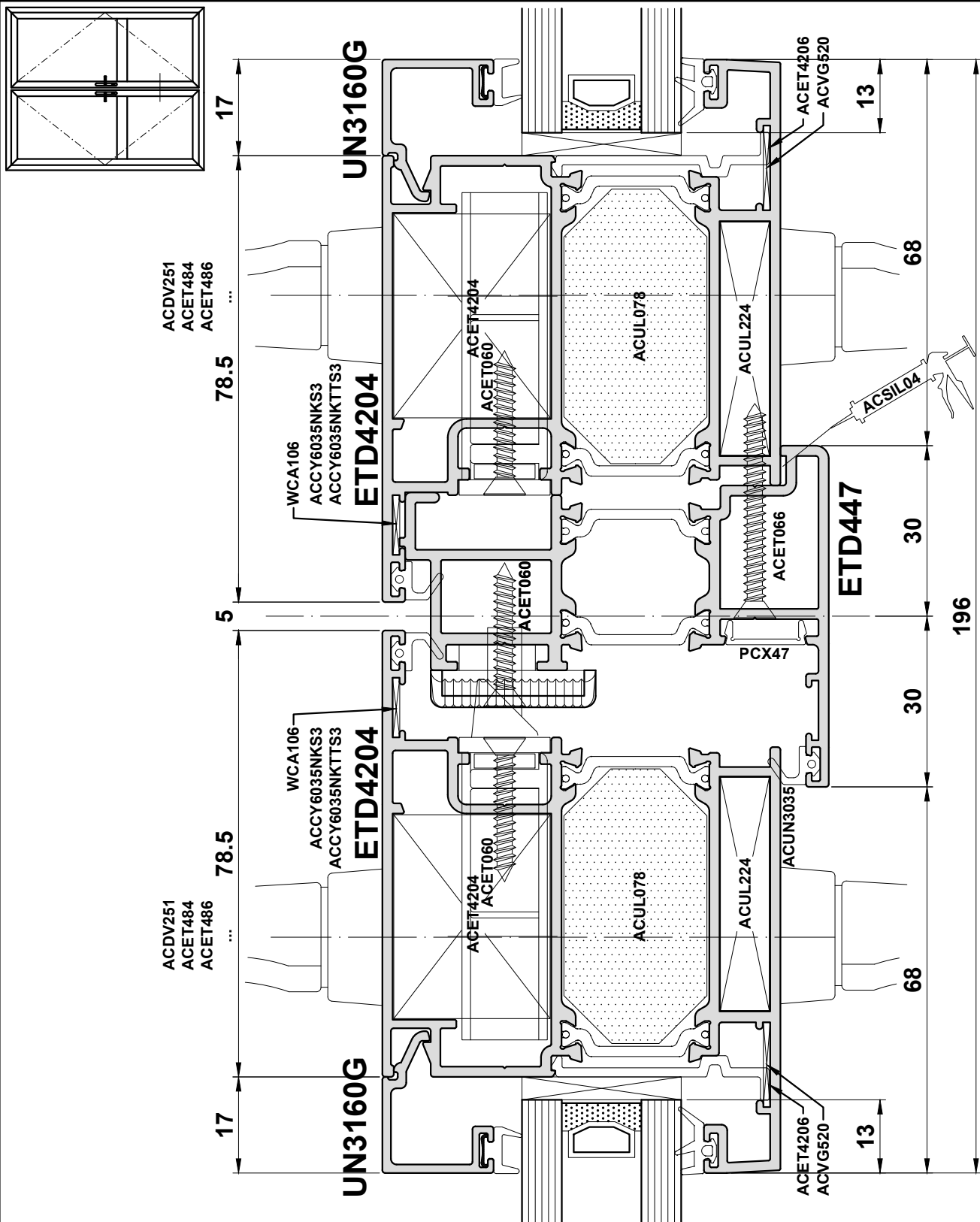
Open In - Detail 2b



Do Not Scale From This Drawing

## Alitherm 400 Stepped Door

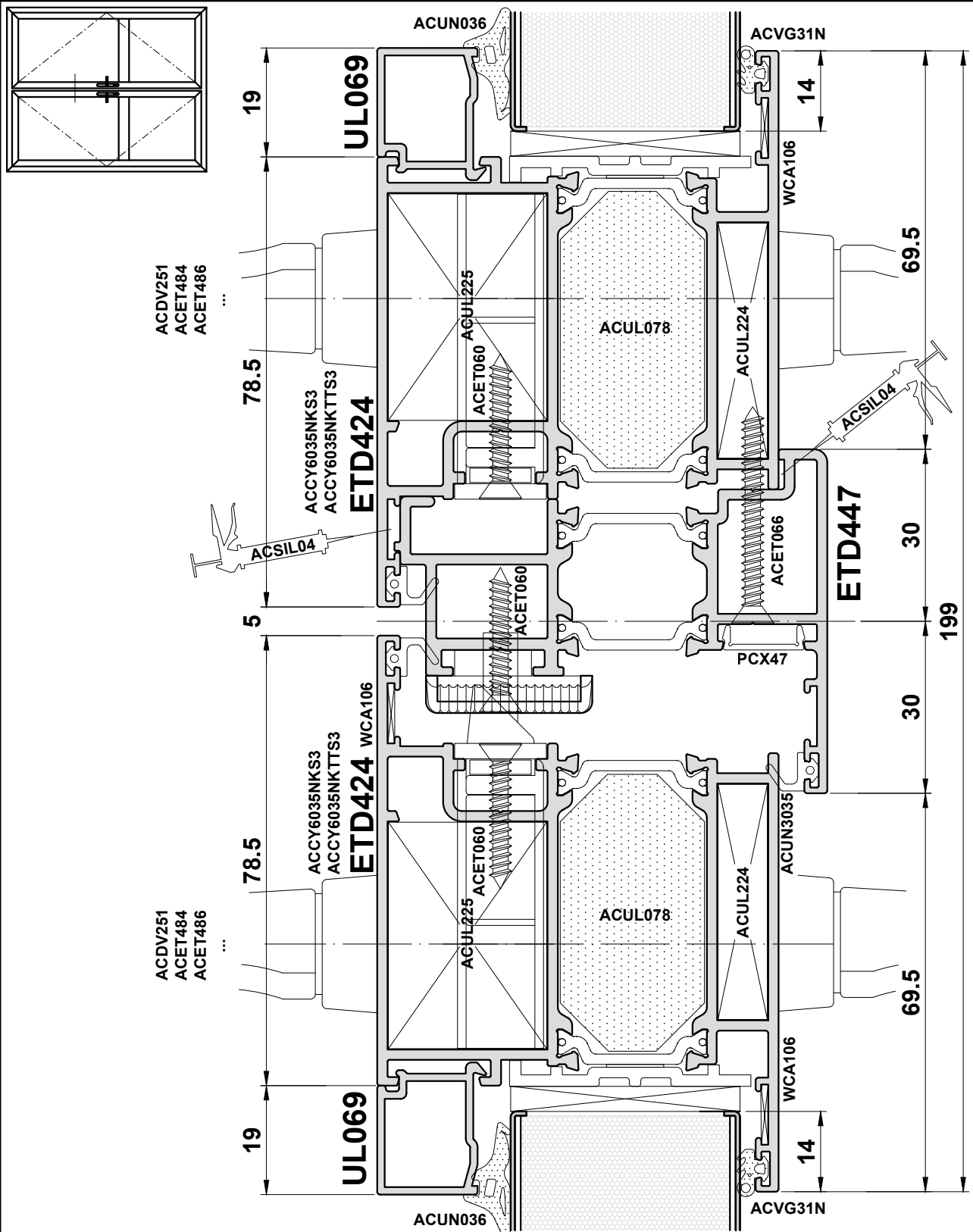
## Open In - Detail 3a



## Do Not Scale From This Drawing

# Alitherm 400 Stepped Door

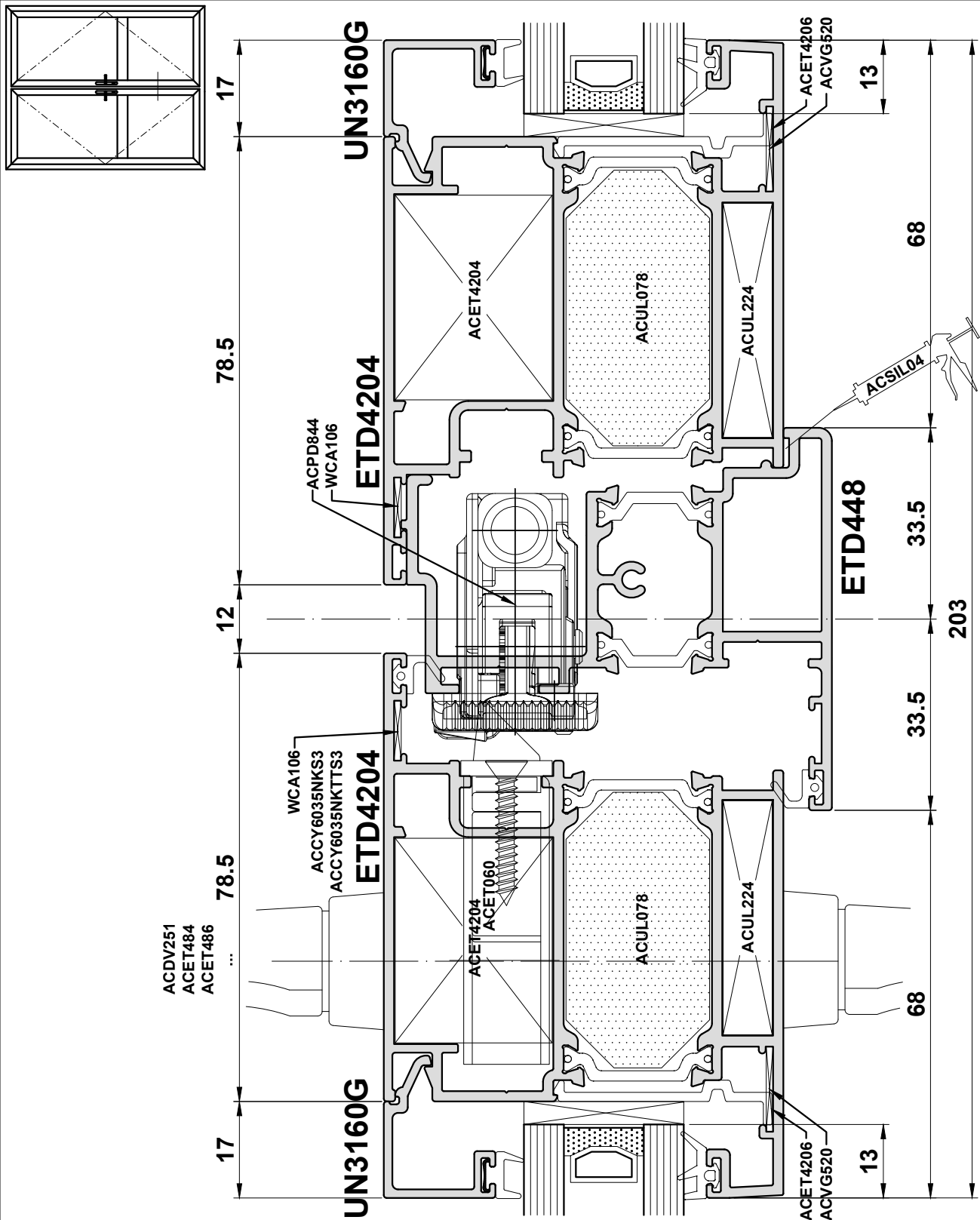
## Open In - Detail 3b



Do Not Scale From This Drawing

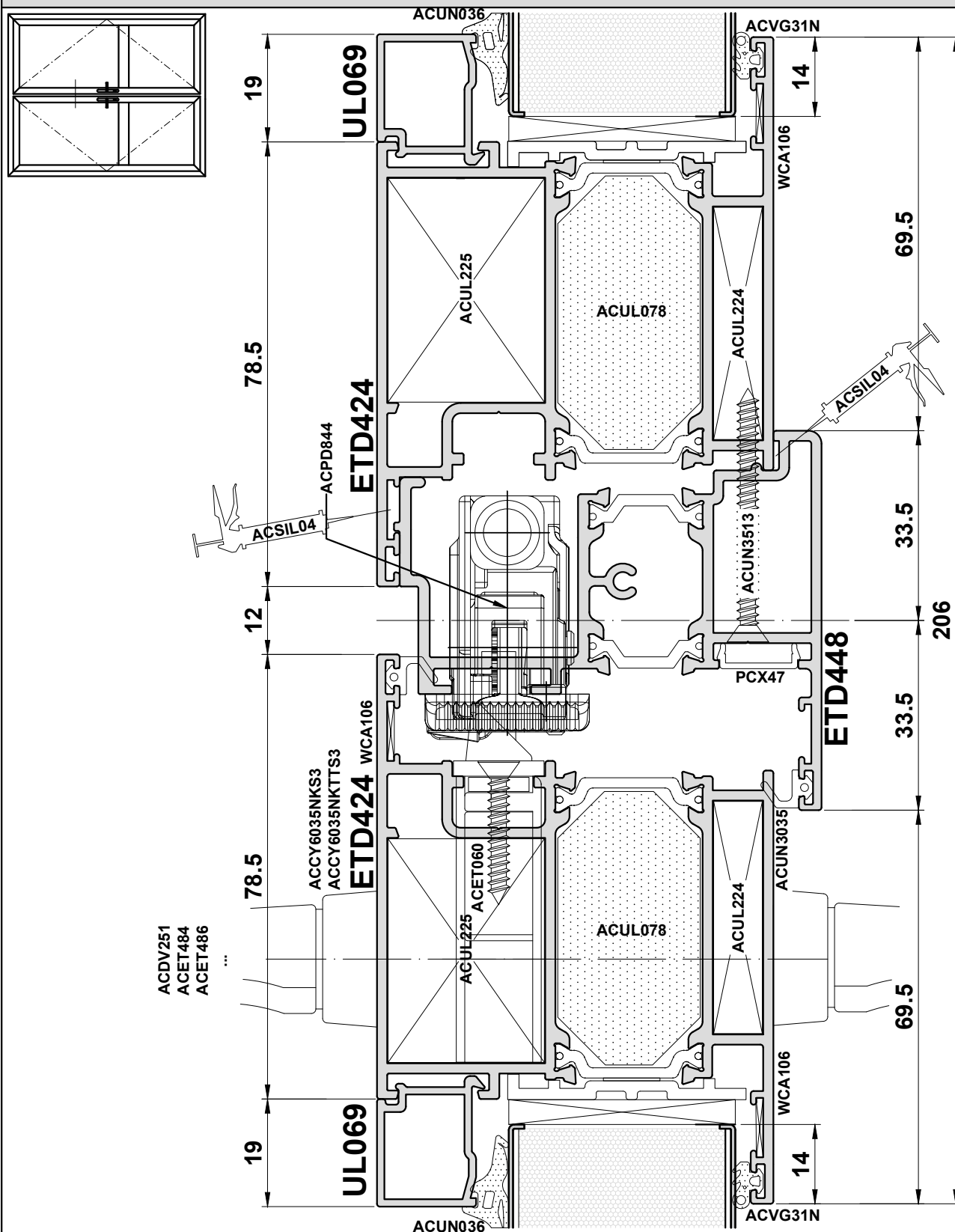
# Alitherm 400 Stepped Door

## Open In - Detail 3c



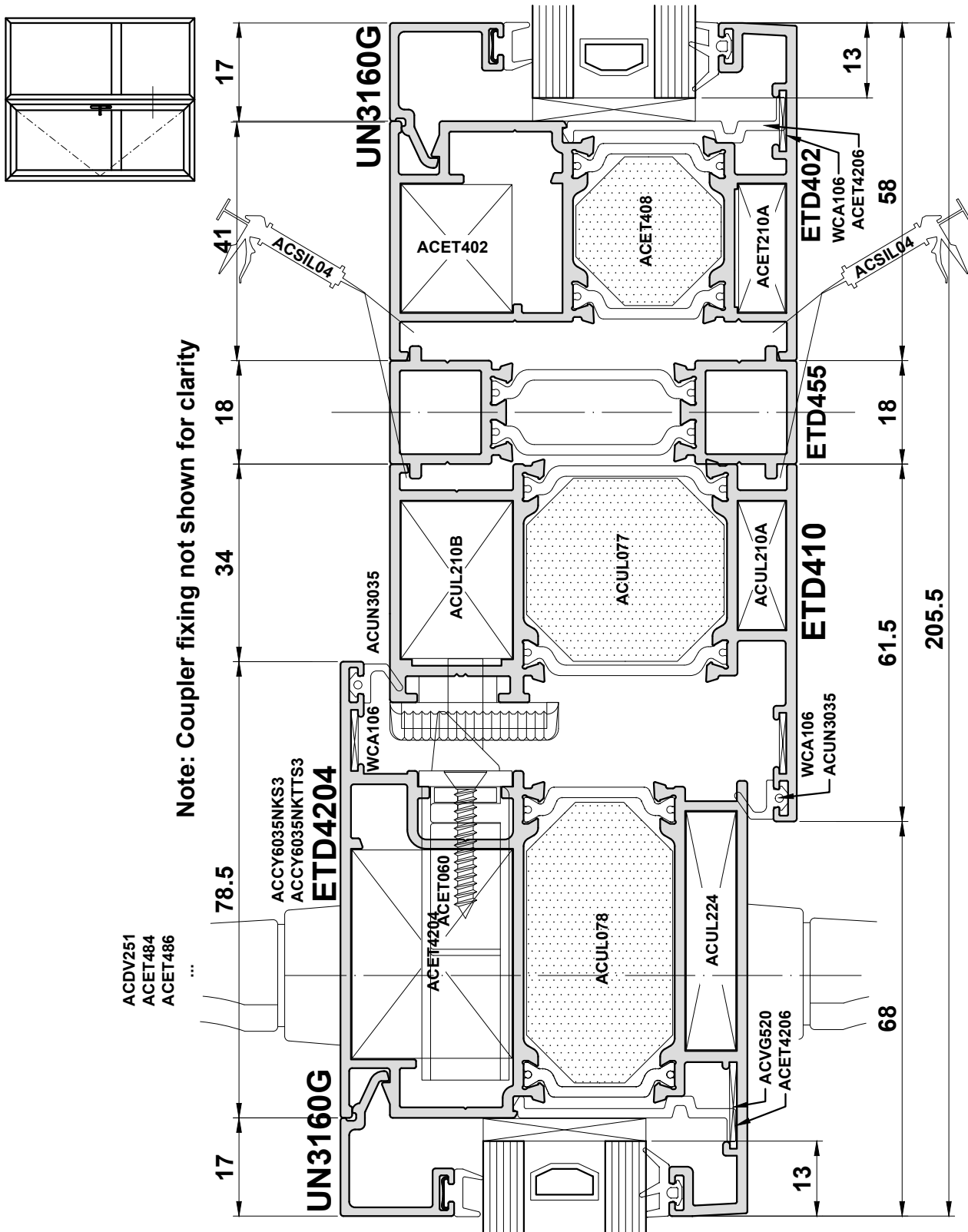
Do Not Scale From This Drawing

## Open In - Detail 3d



## Do Not Scale From This Drawing

## Open In - Detail 4a

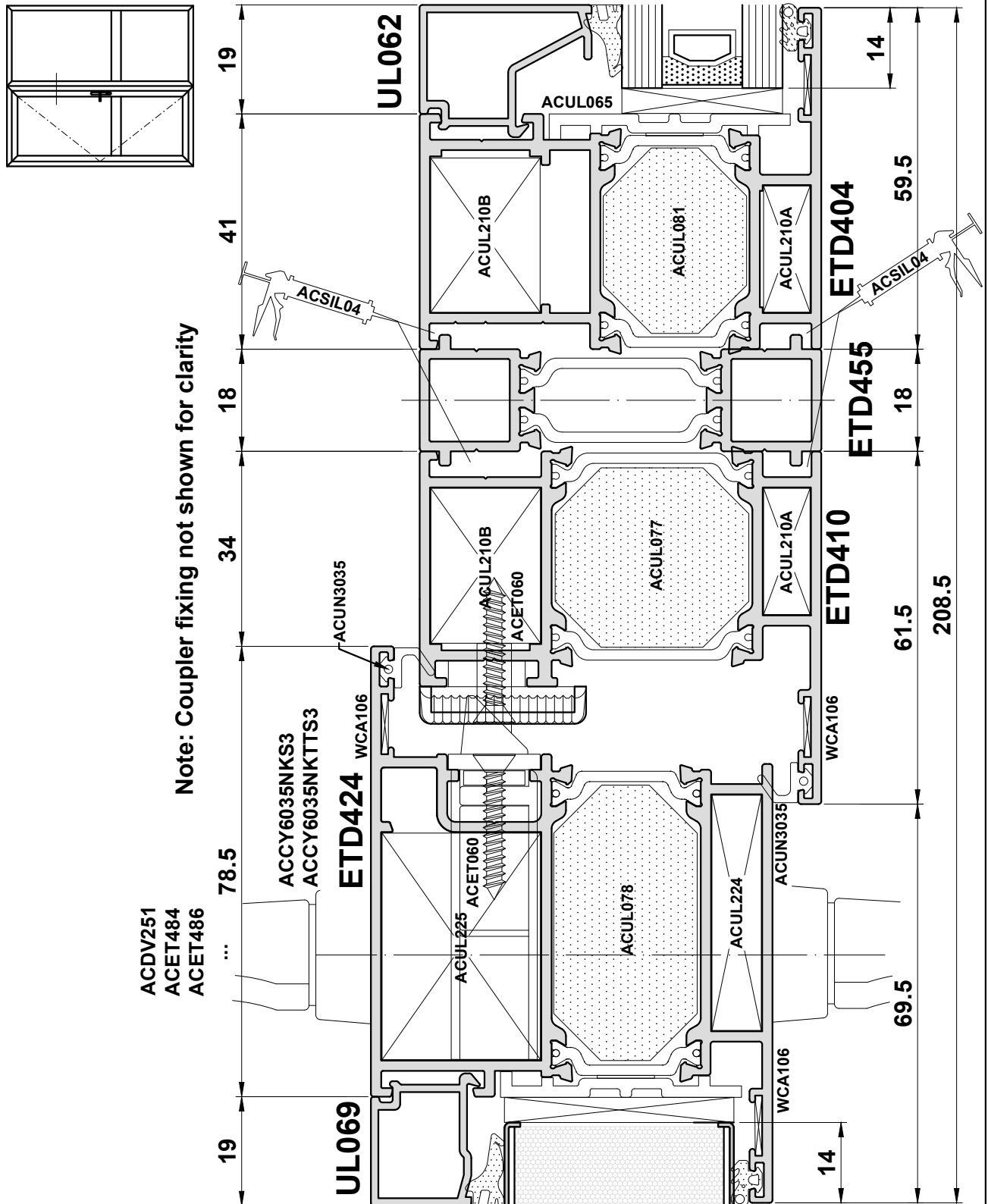


## Do Not Scale From This Drawing



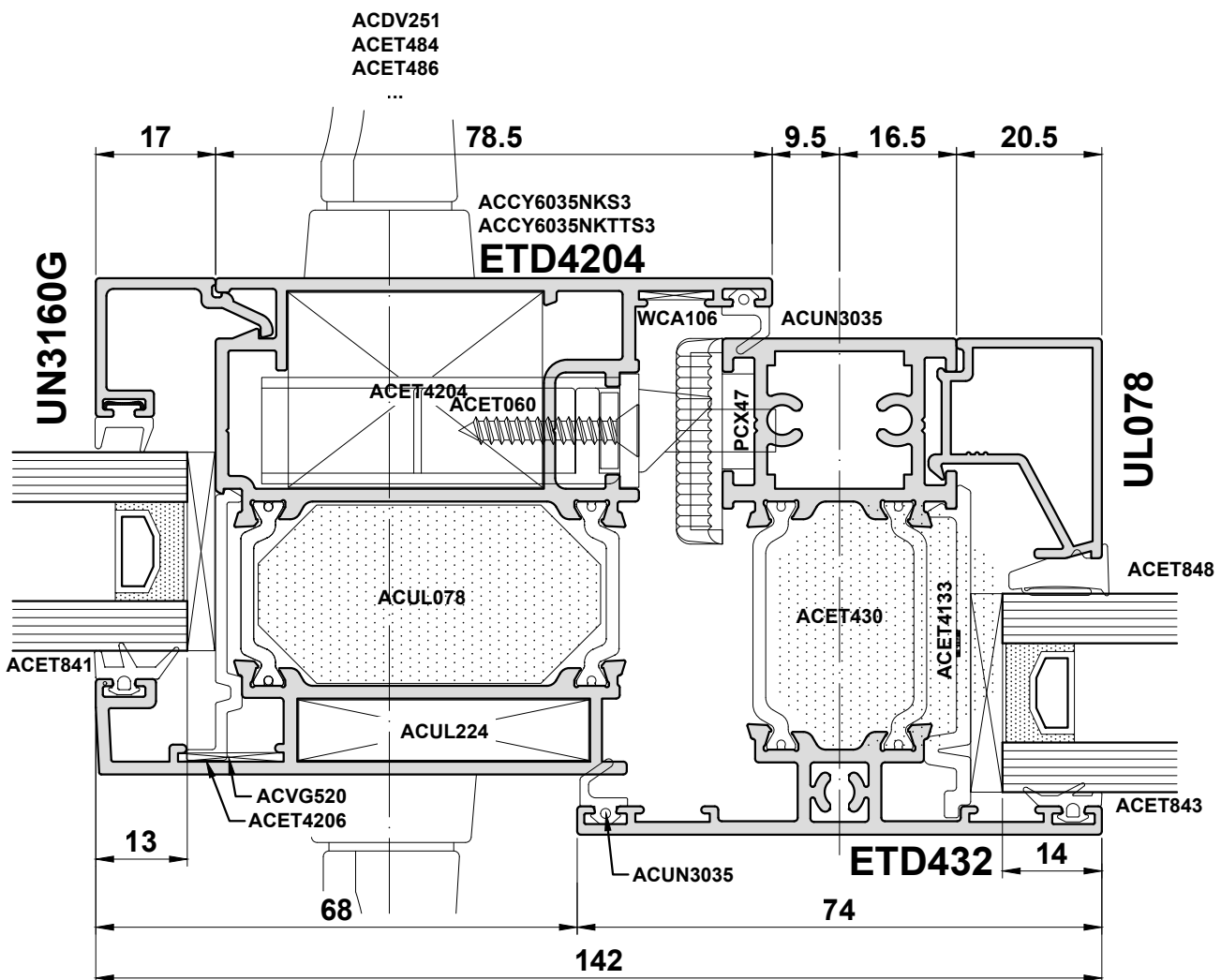
# Alitherm 400 Stepped Door

## Open In - Detail 4b



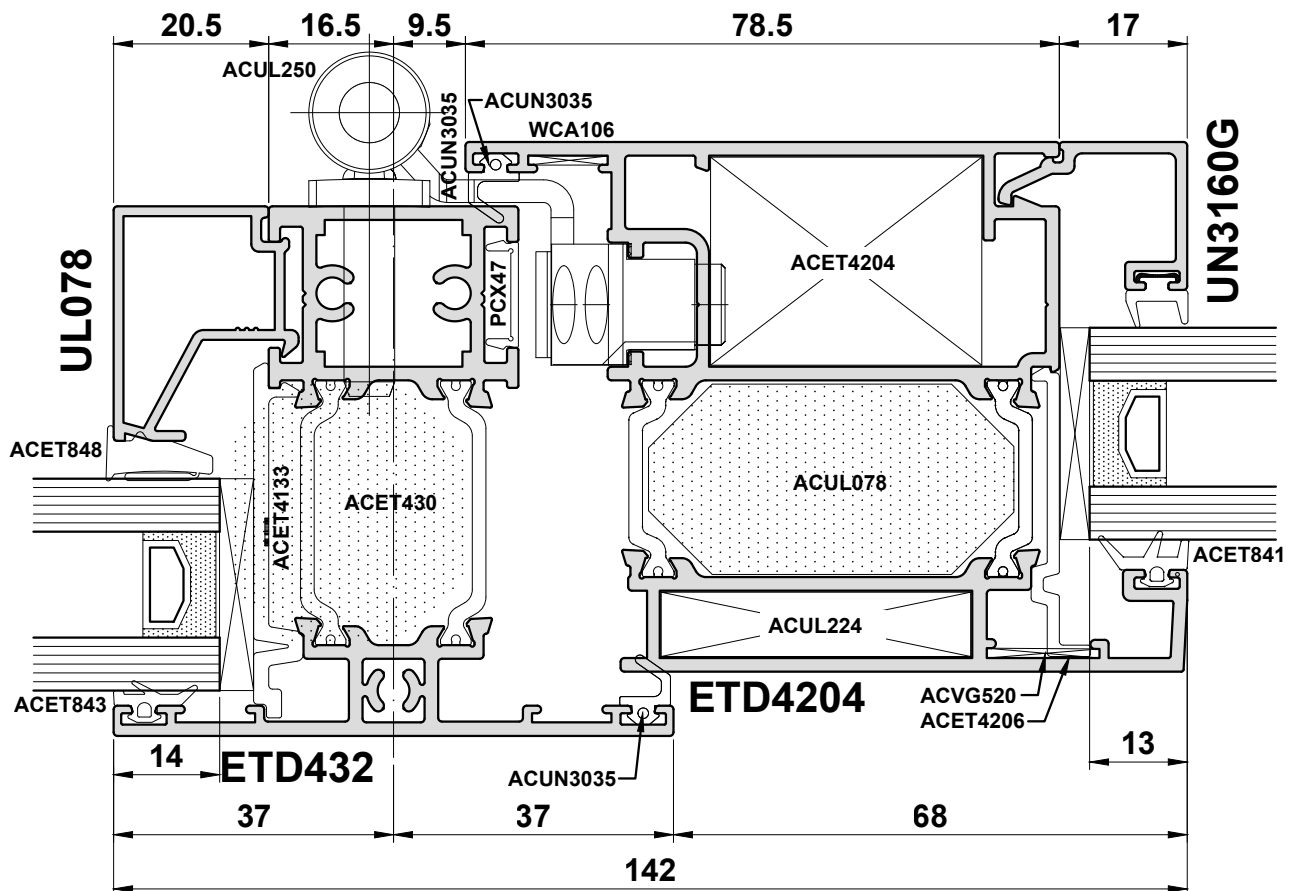
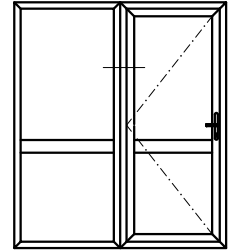
Do Not Scale From This Drawing

Open In - Detail 4c



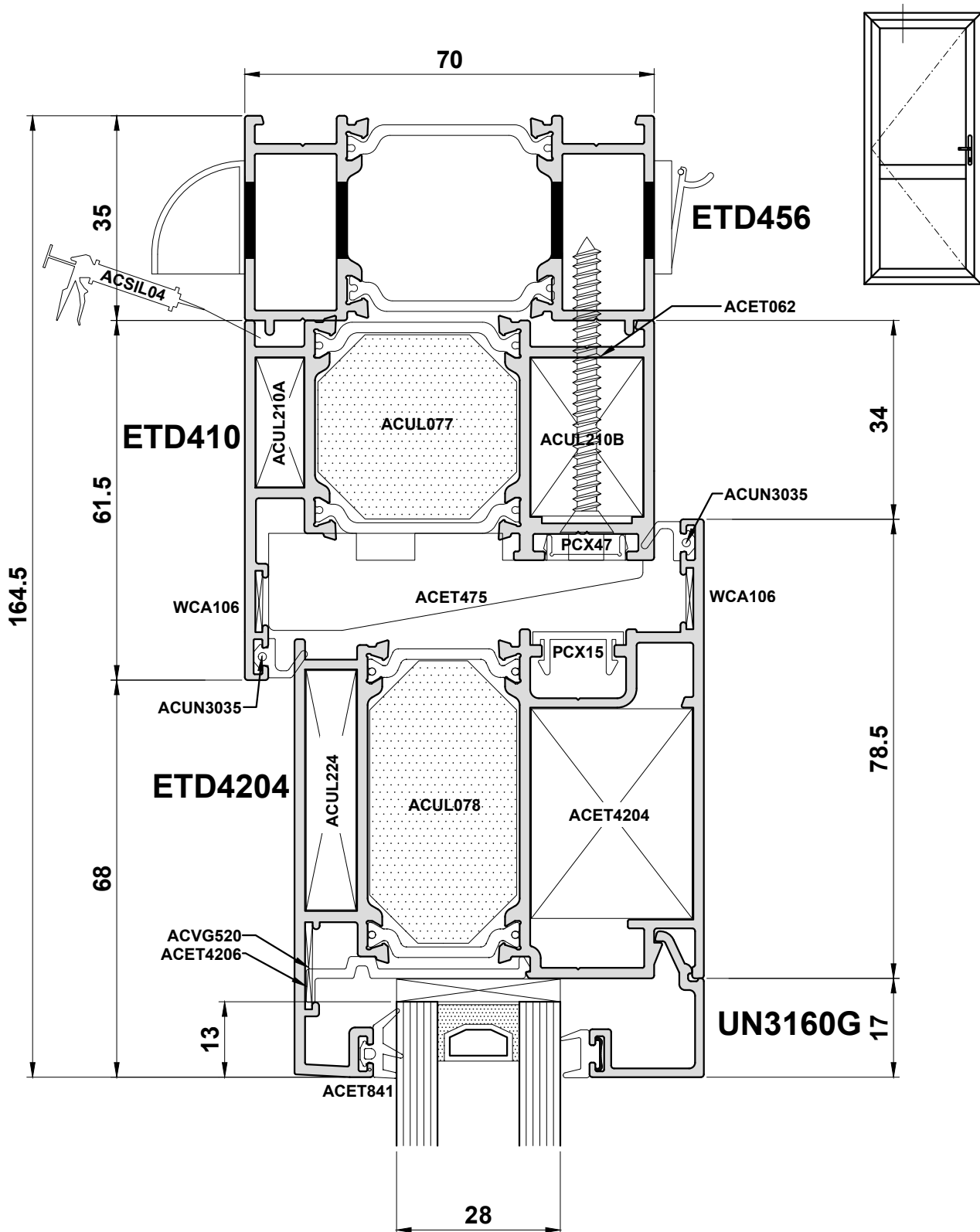
Do Not Scale From This Drawing

## Open In - Detail 5



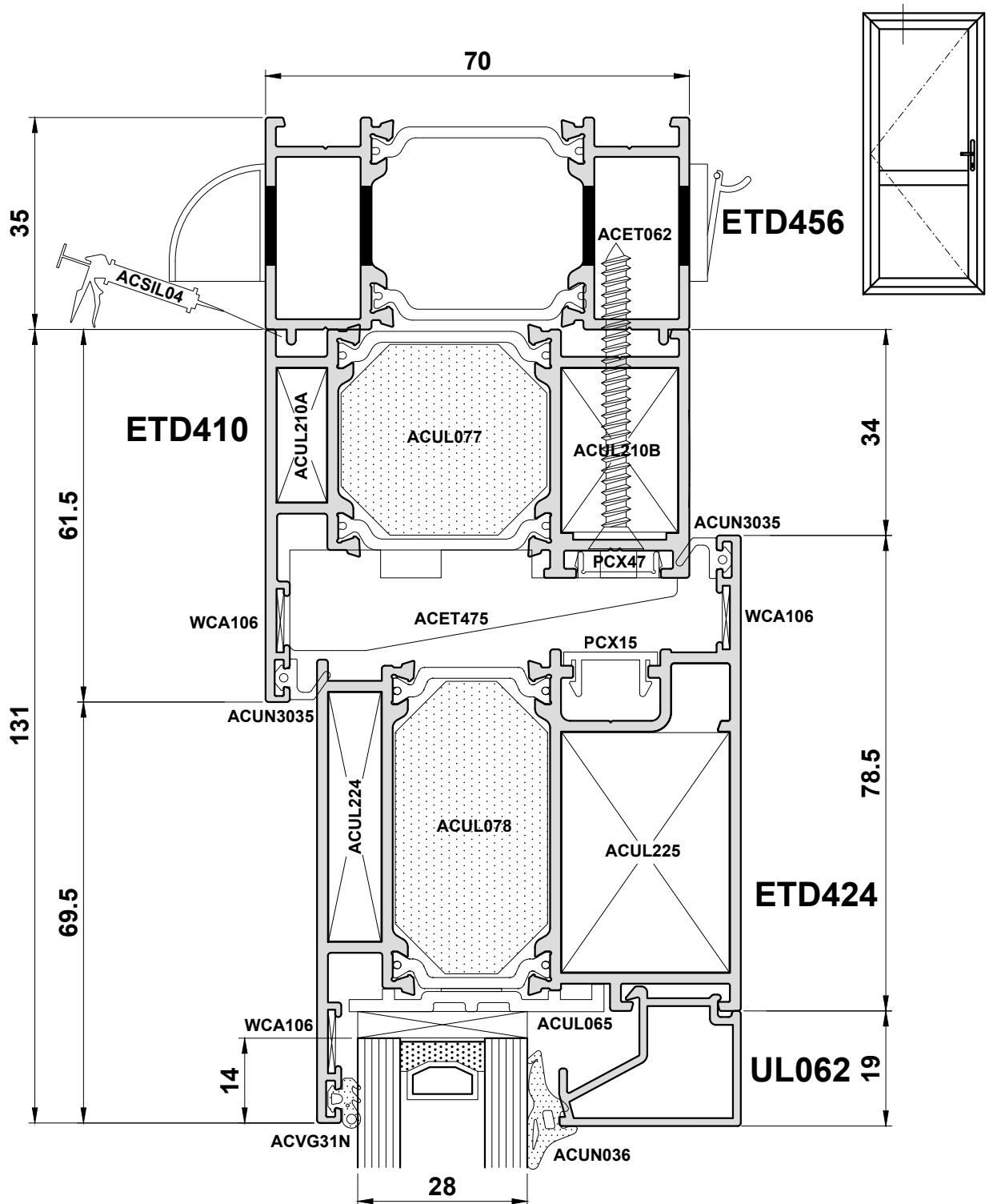
Do Not Scale From This Drawing

**Open In - Detail 6a**



**Do Not Scale From This Drawing**

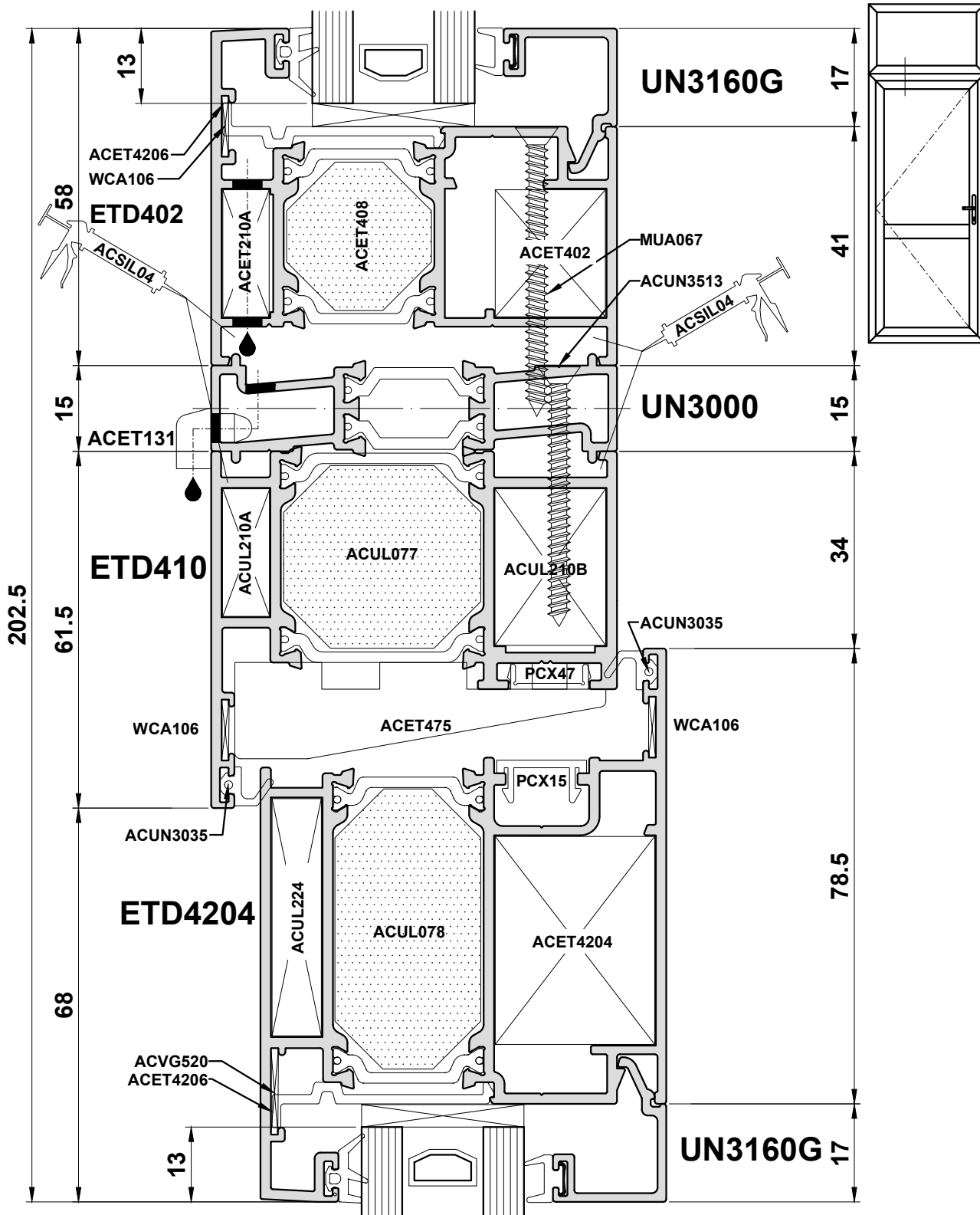
**Open In - Detail 6b**



**Do Not Scale From This Drawing**

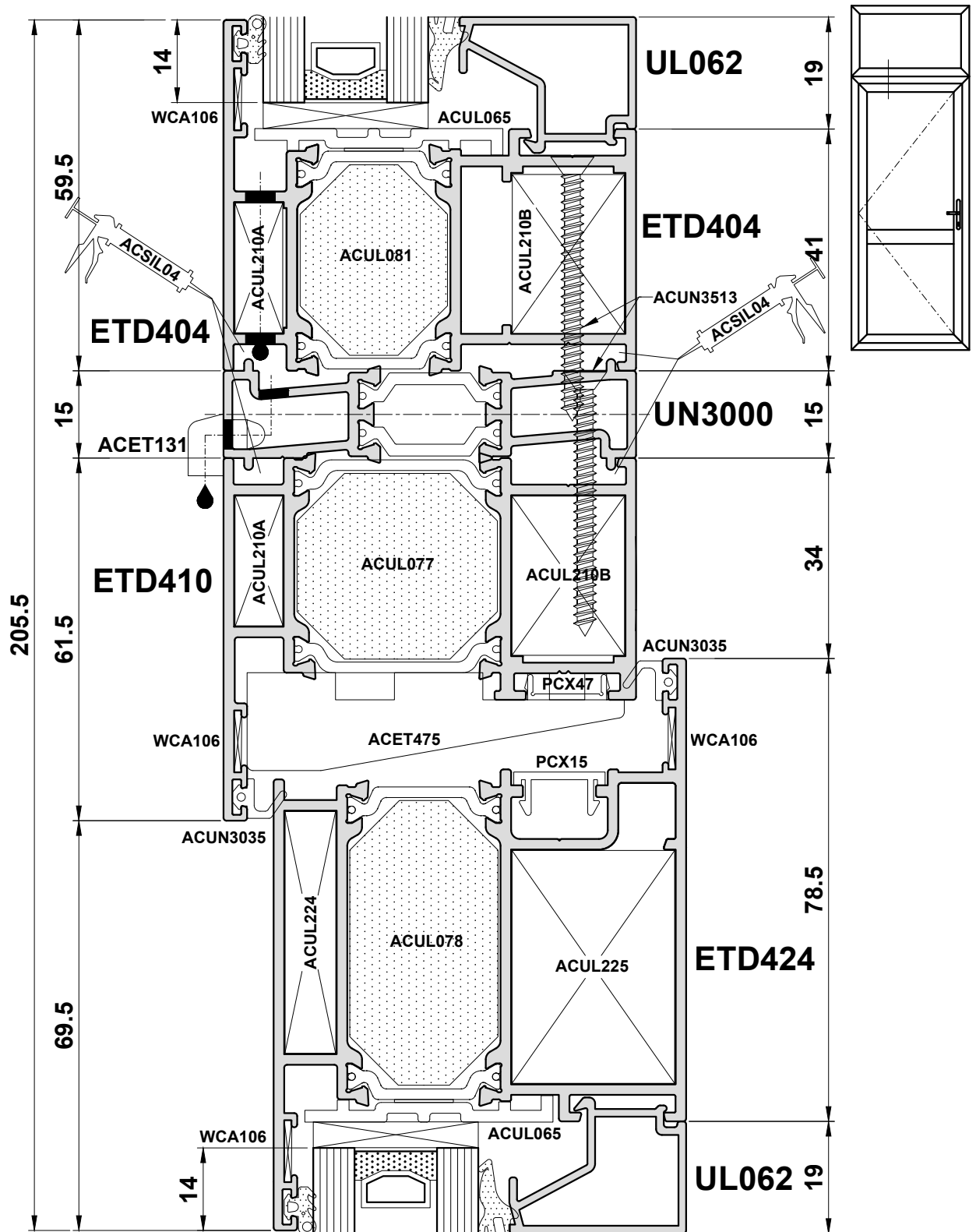
# Alitherm 400 Stepped Door

## Open In - Detail 7a



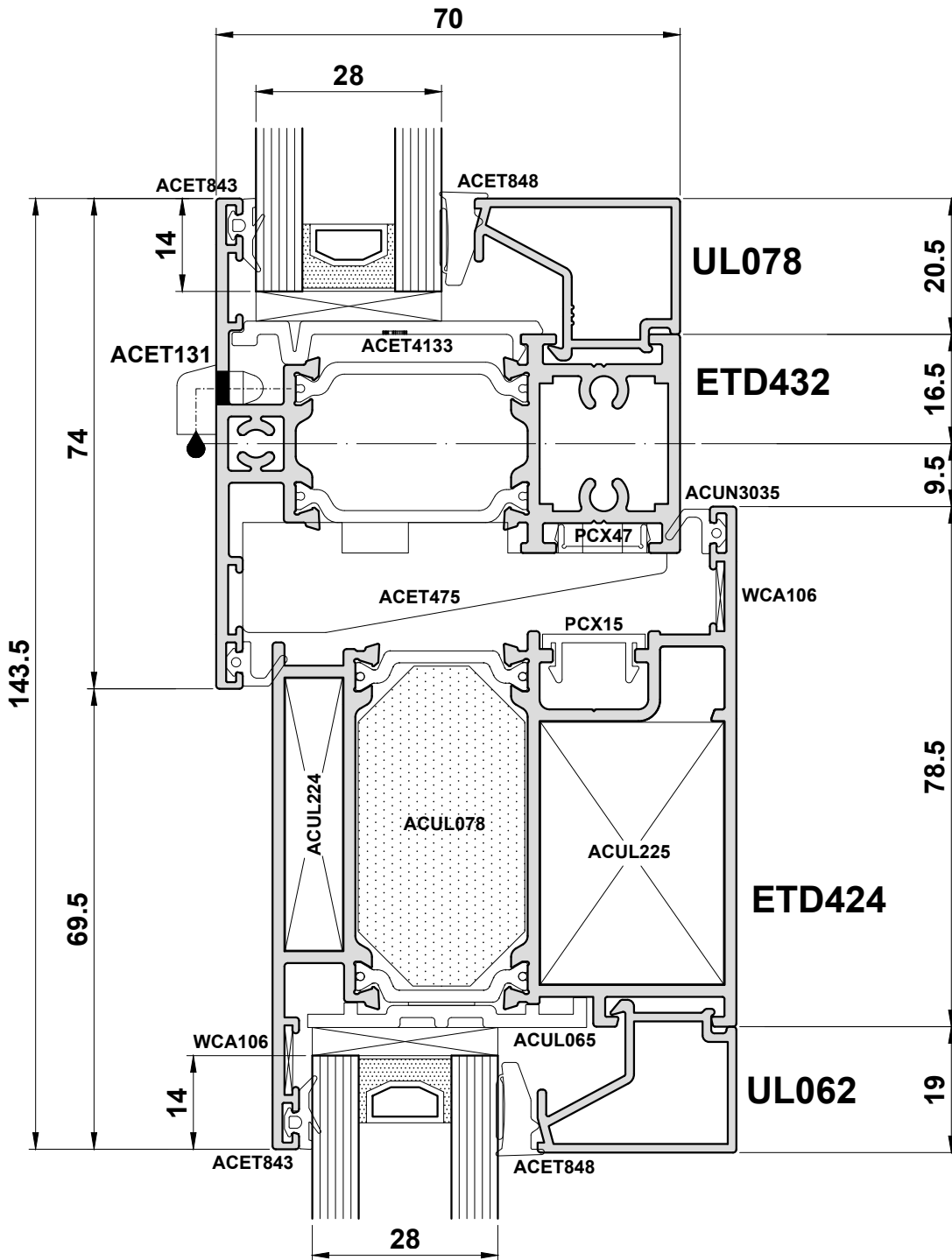
Do Not Scale From This Drawing

**Open In - Detail 7b**



**Do Not Scale From This Drawing**

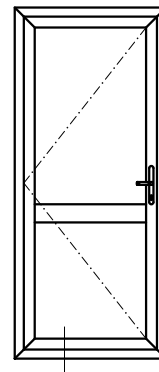
**Open In - Detail 7c**



**Do Not Scale From This Drawing**

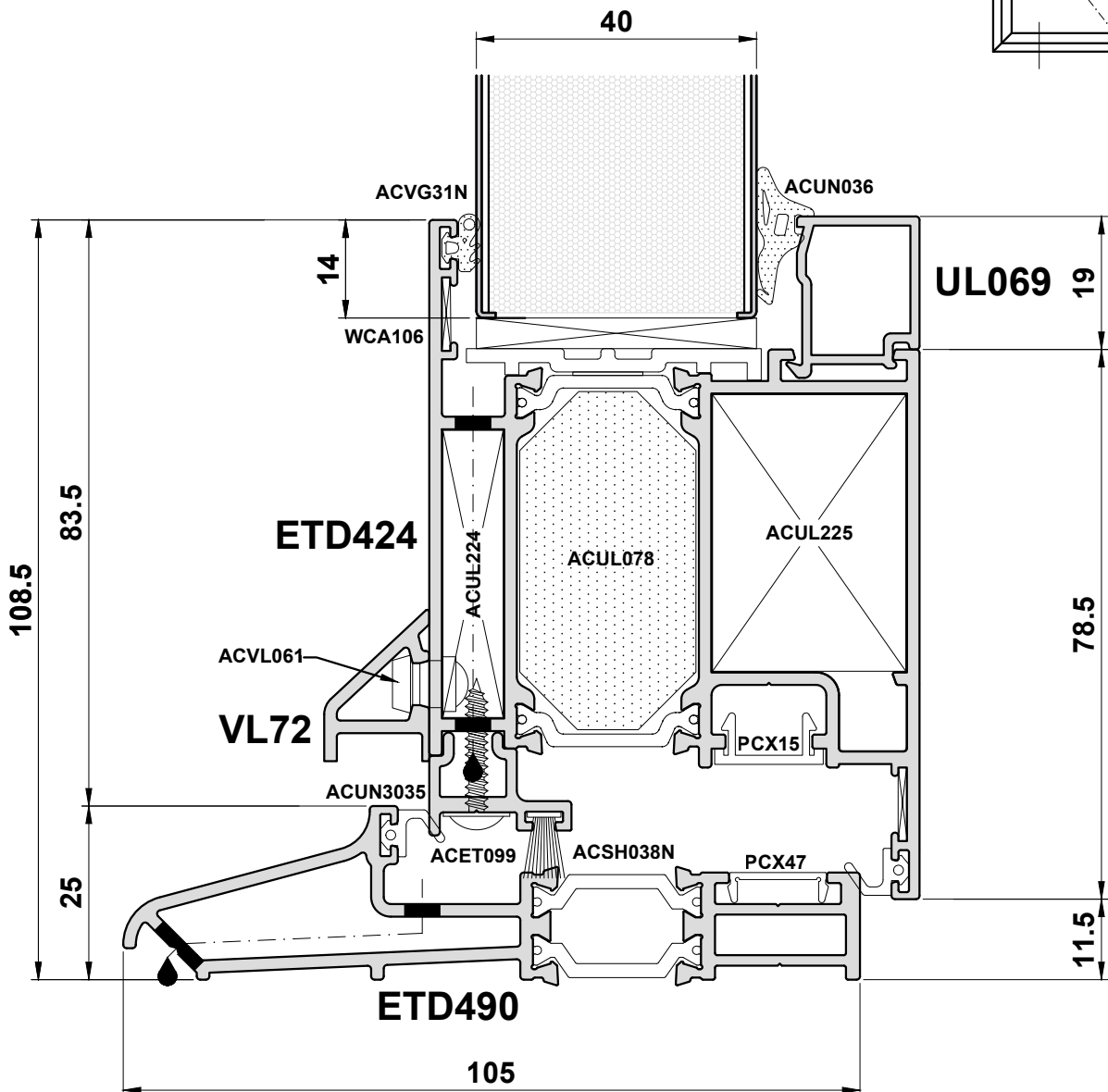


## Open In - Detail 8a



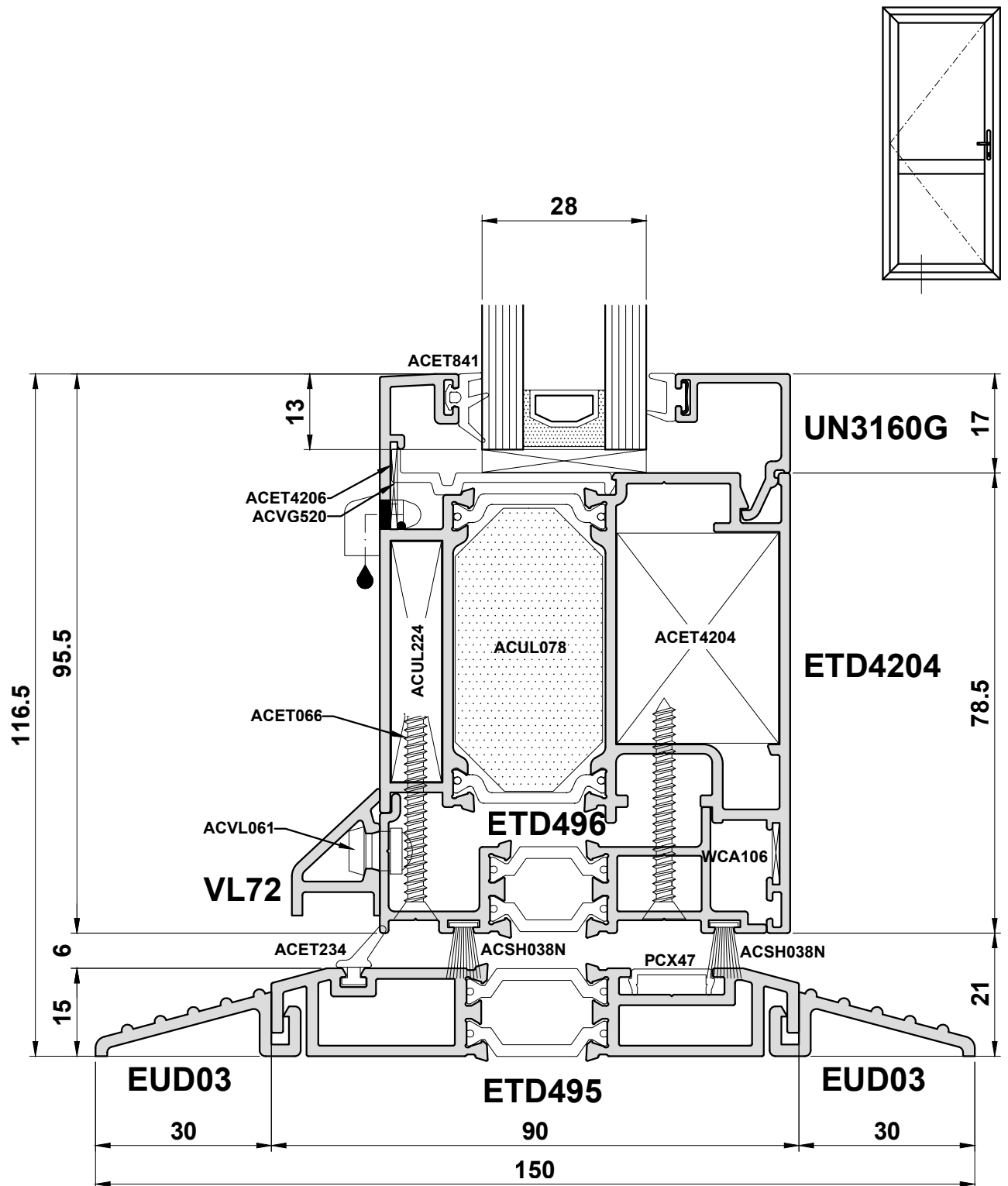
**Do Not Scale From This Drawing**

**Open In - Detail 8b**



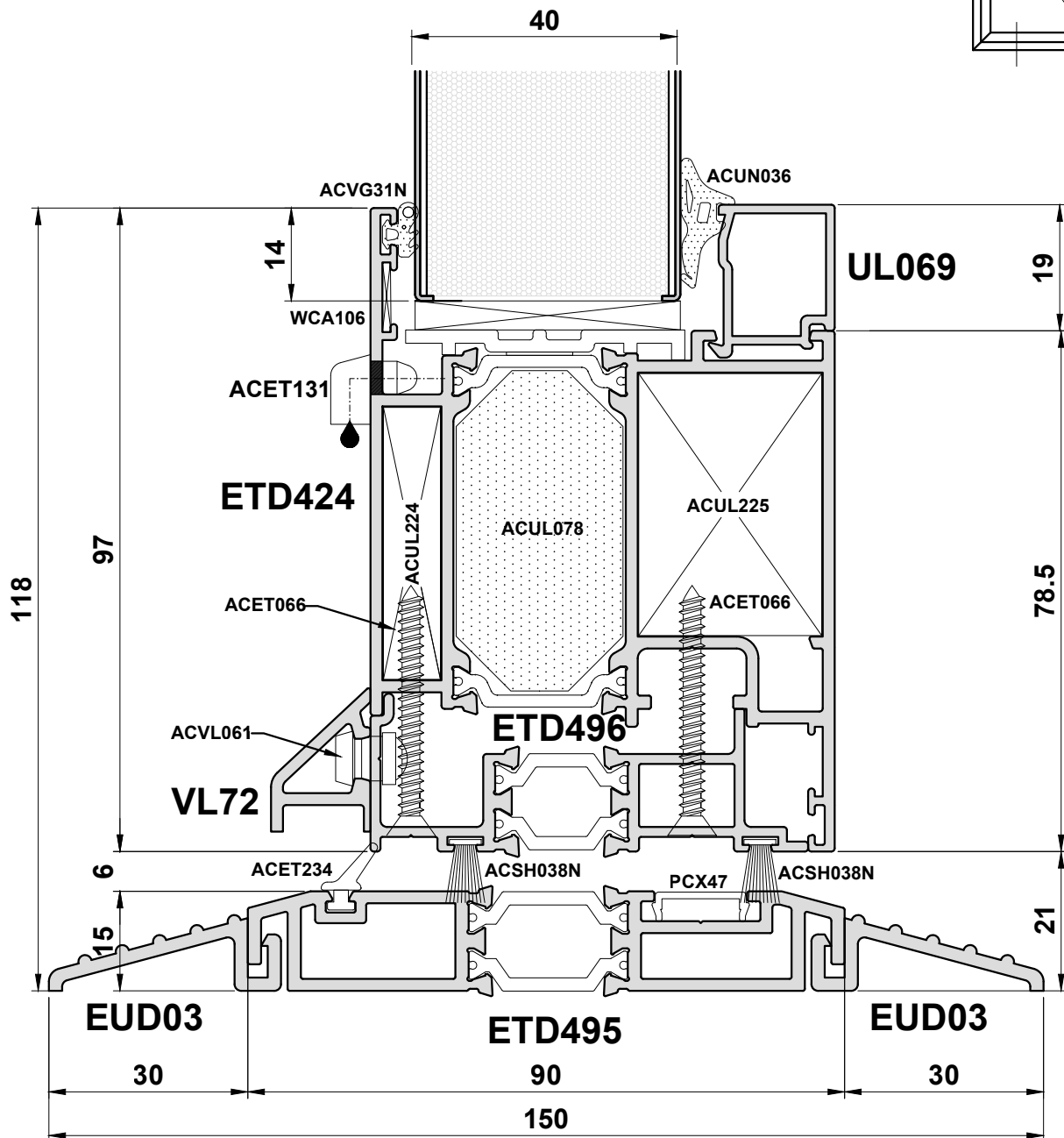
**Do Not Scale From This Drawing**

**Open In - Detail 8c**



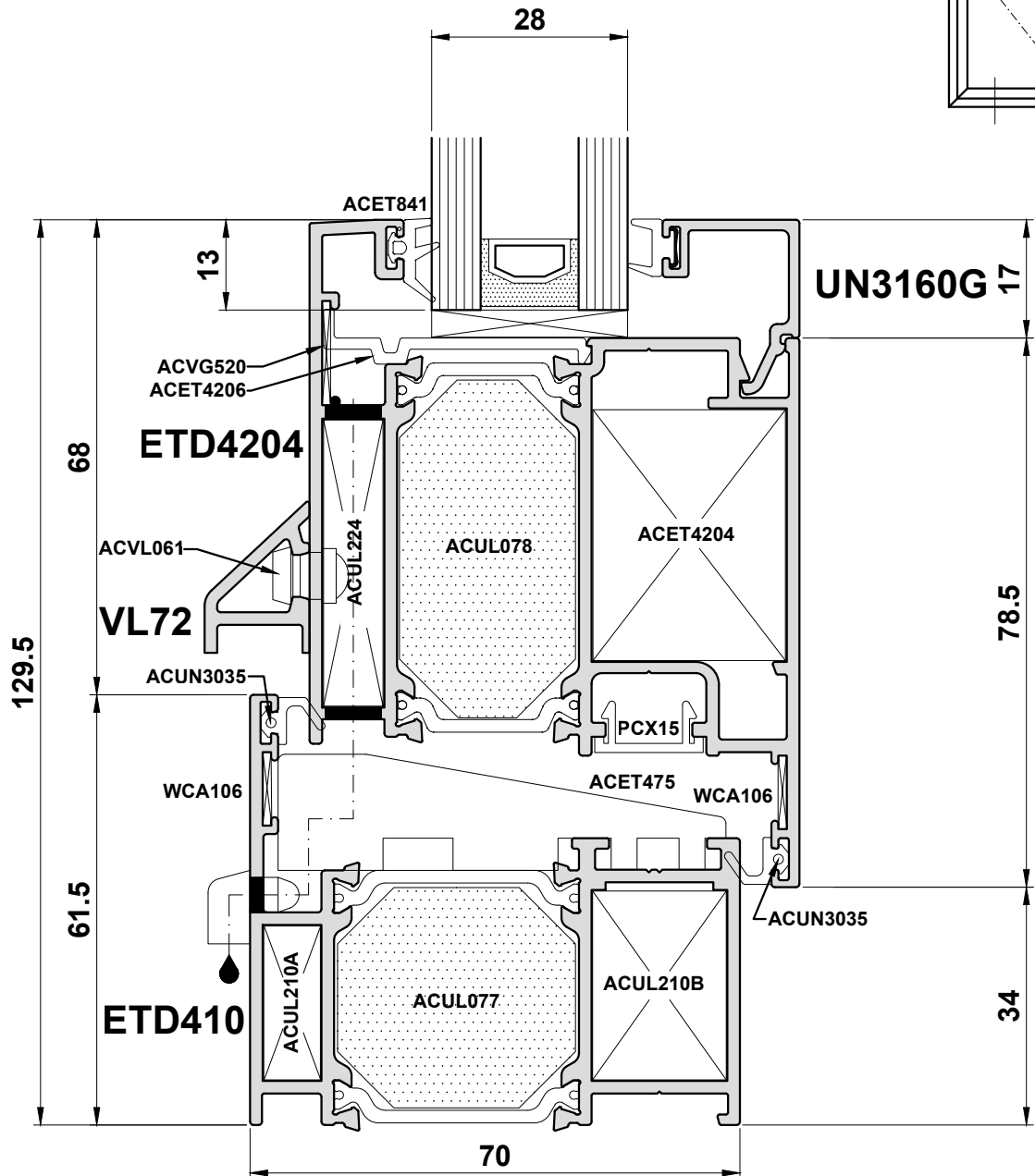
**Do Not Scale From This Drawing**

**Open In - Detail 8d**



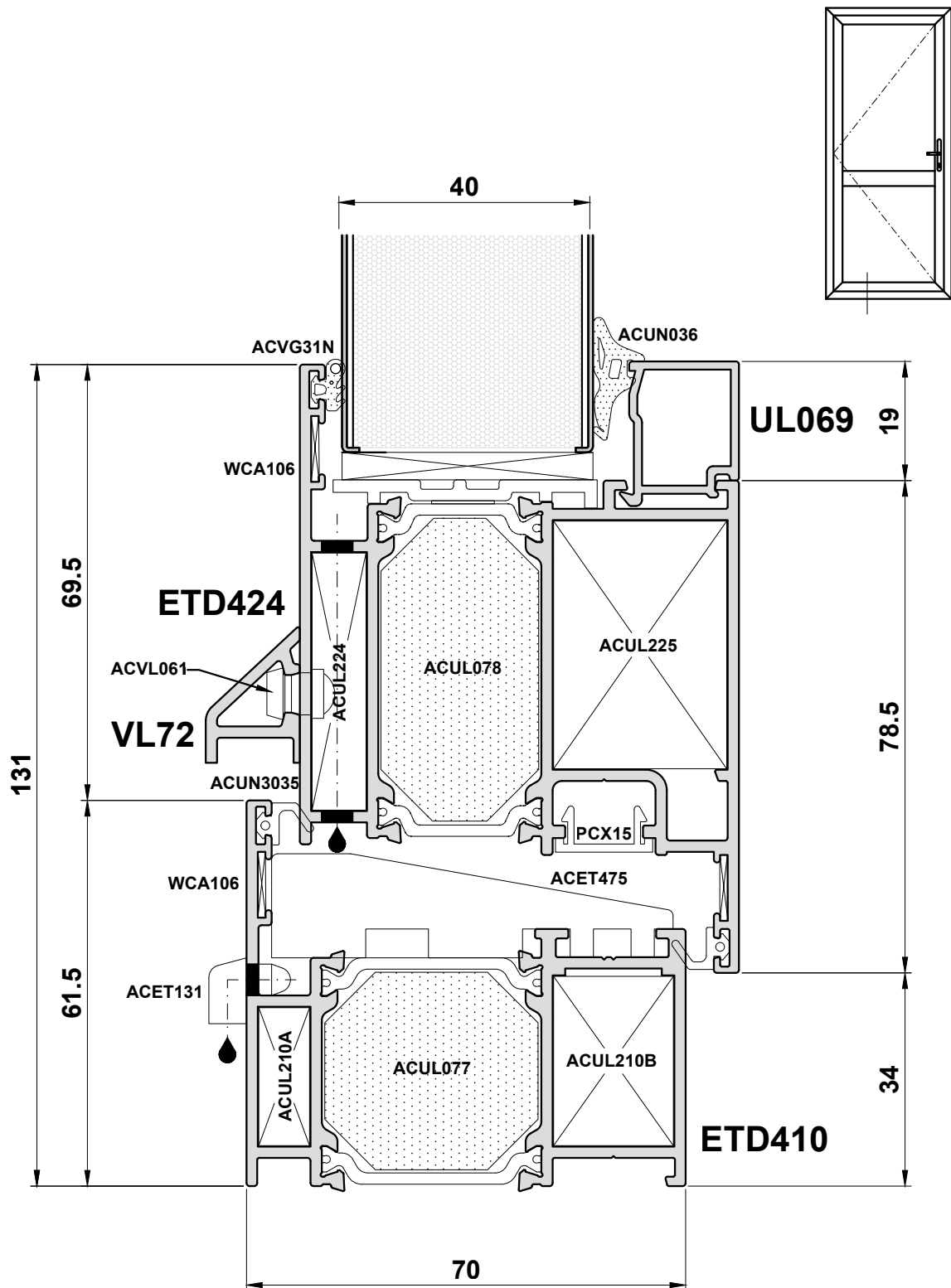
**Do Not Scale From This Drawing**

**Open In - Detail 8e**



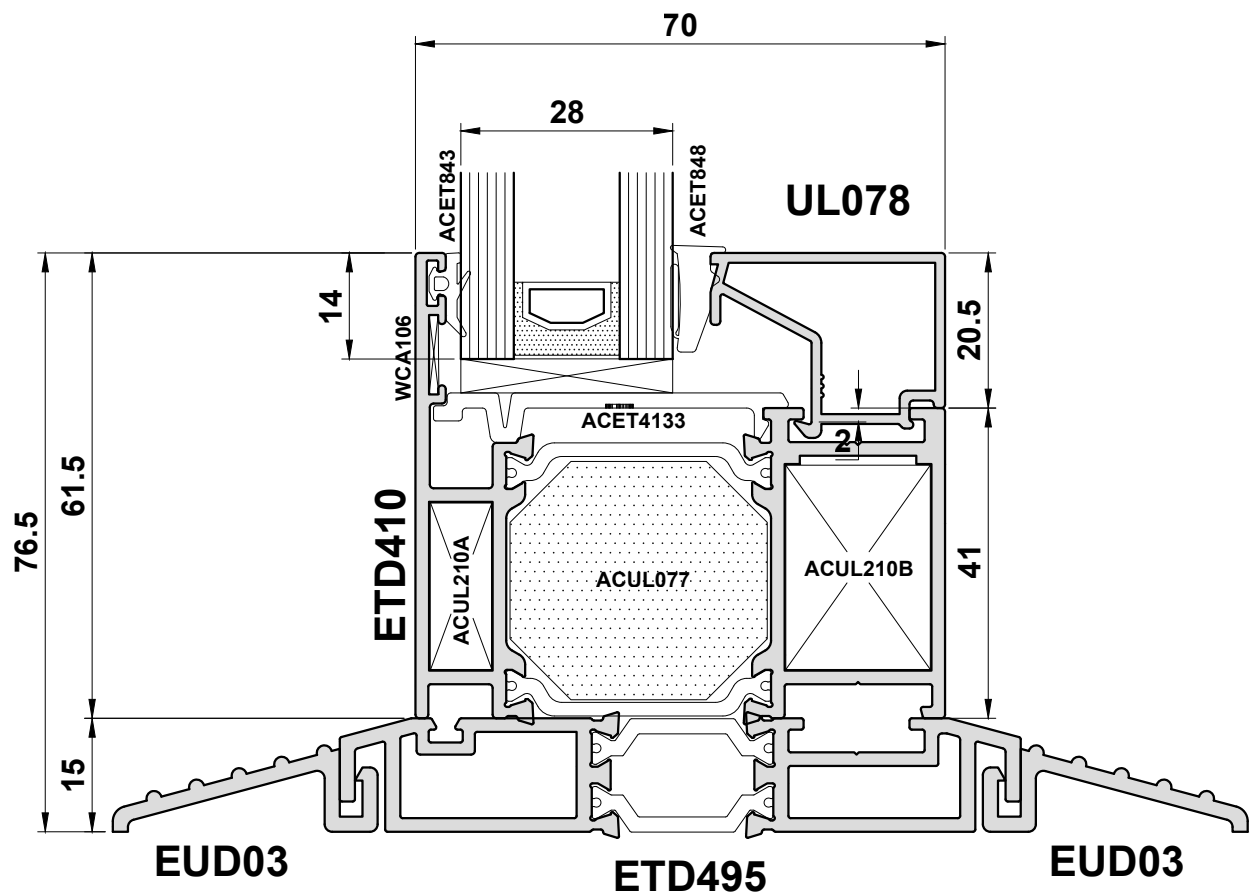
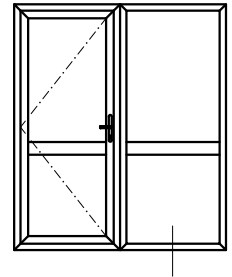
**Do Not Scale From This Drawing**

**Open In - Detail 8f**



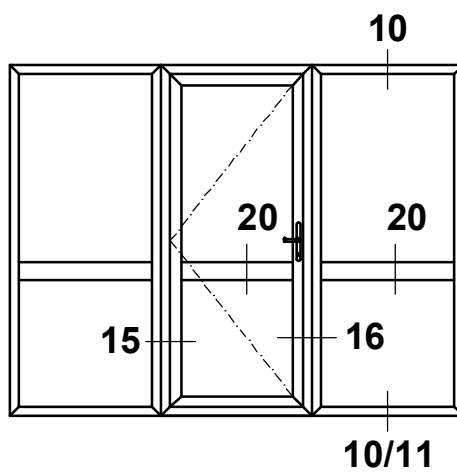
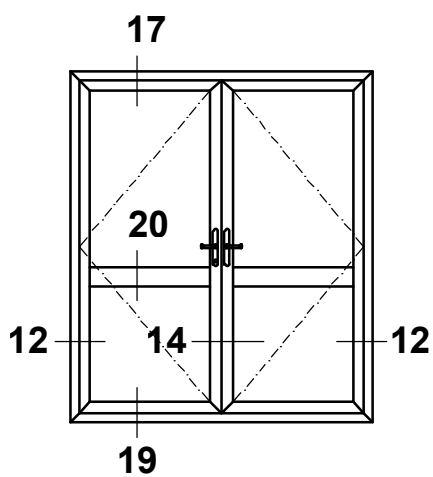
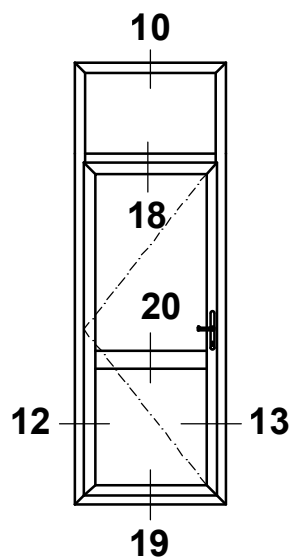
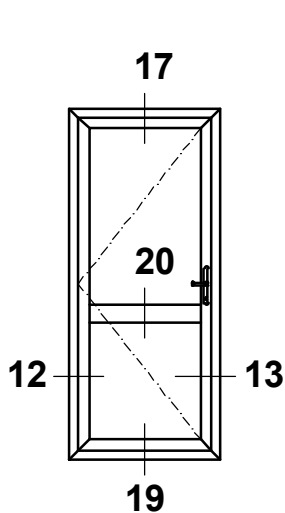
**Do Not Scale From This Drawing**

## Open In - Detail 11



**Do Not Scale From This Drawing**

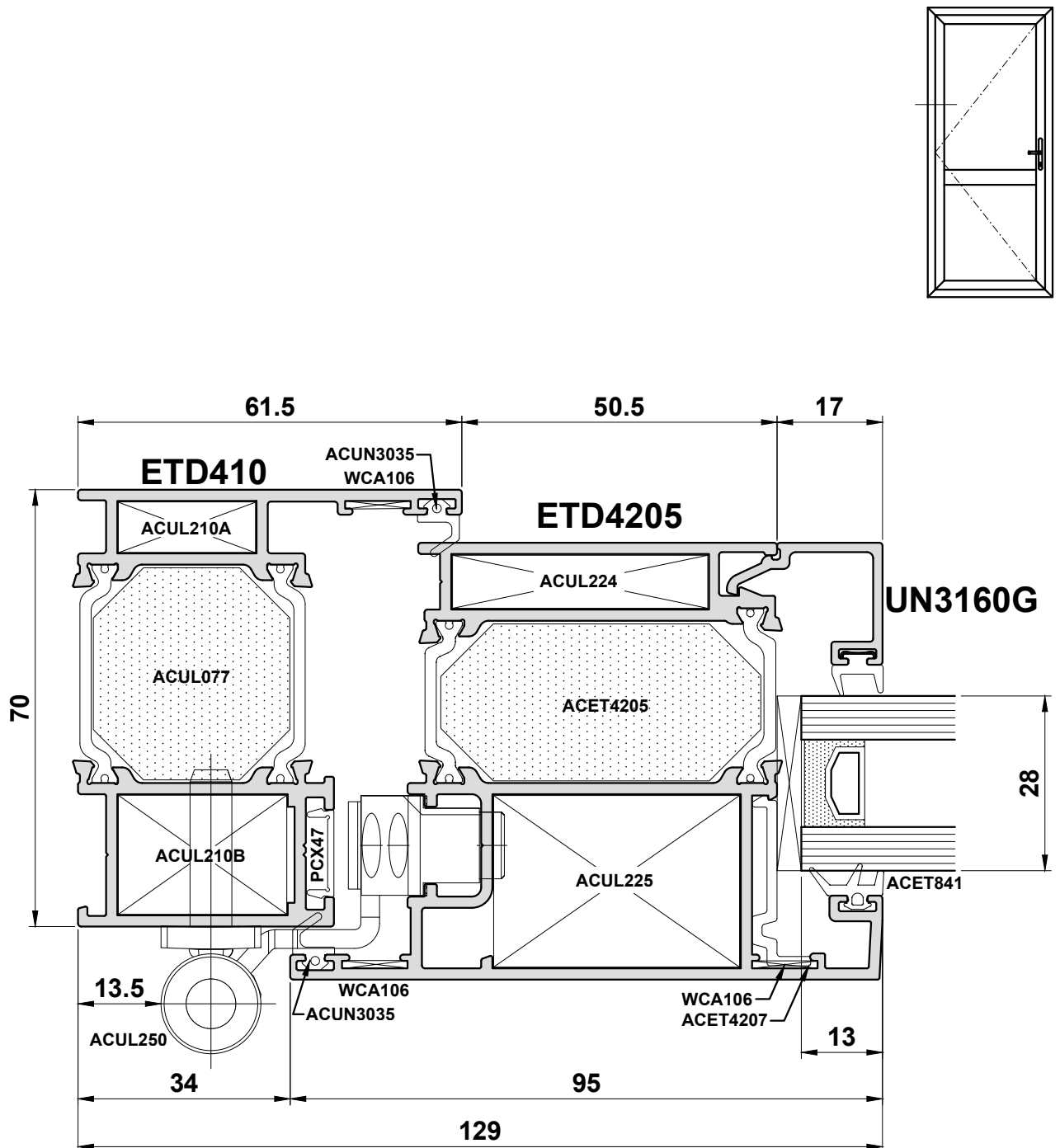
**Open Out Quick-Glaze Bead - Elevations**



**Do Not Scale From This Drawing**

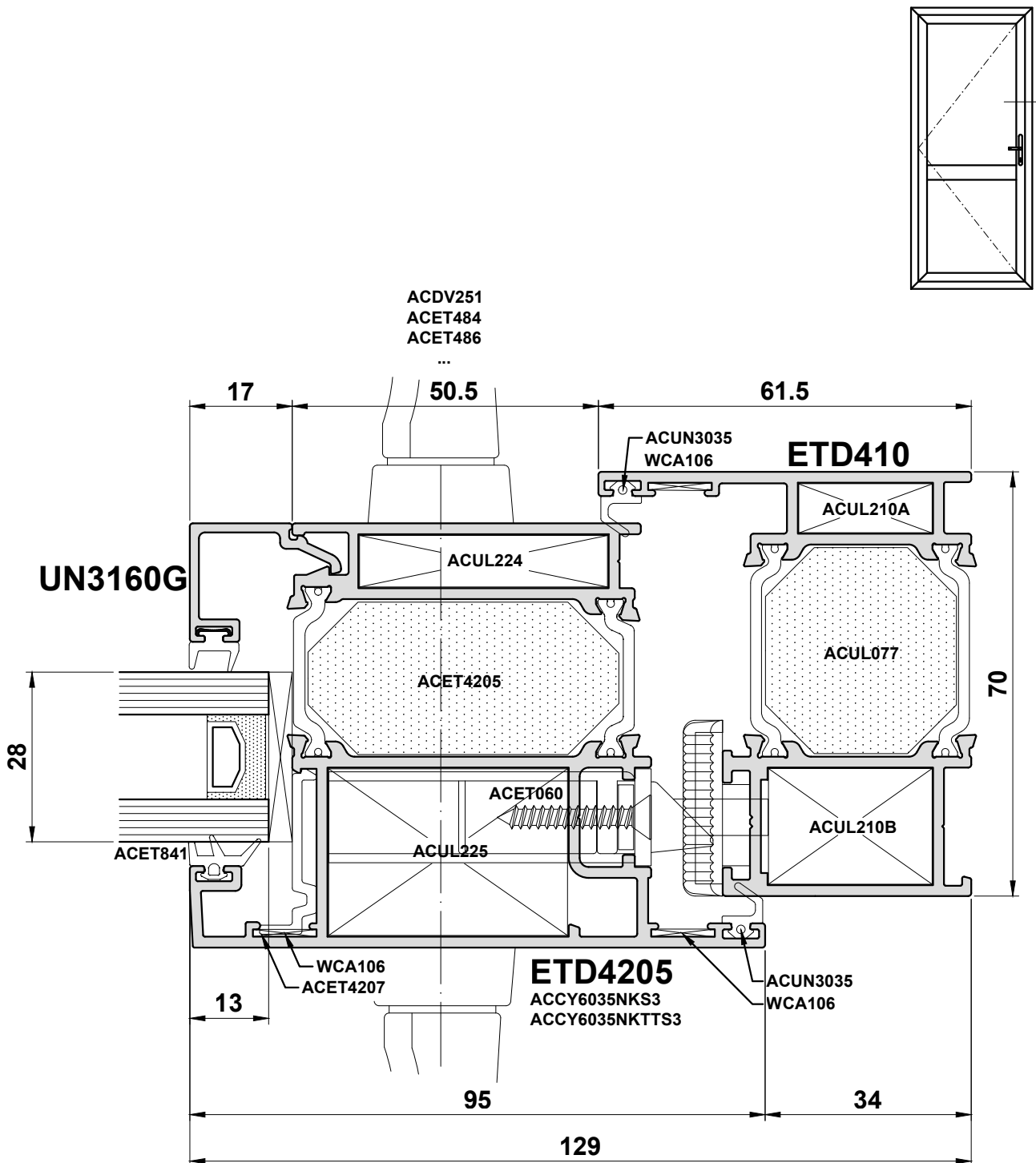


**Open Out - Detail 12**



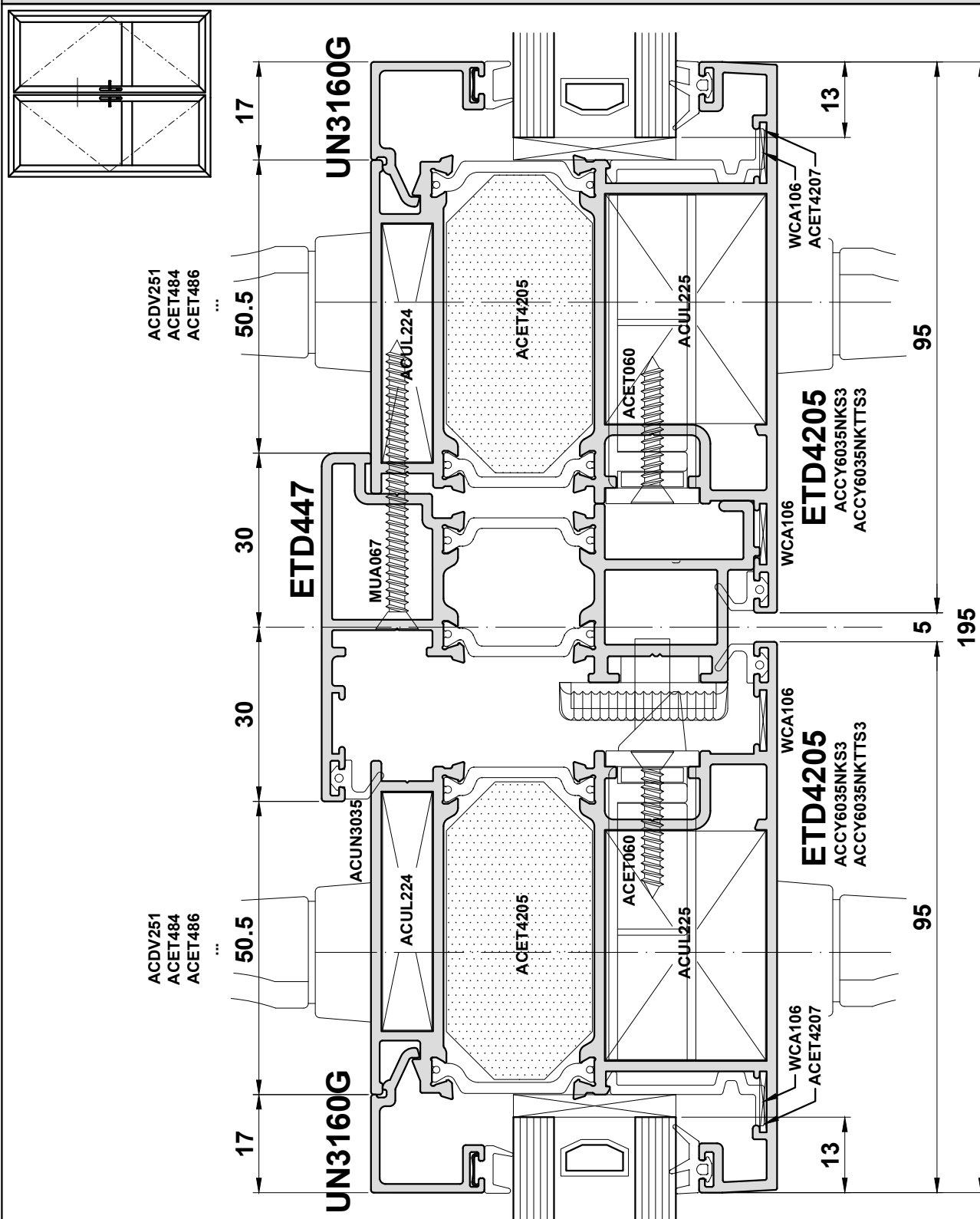
**Do Not Scale From This Drawing**

Open Out - Detail 13



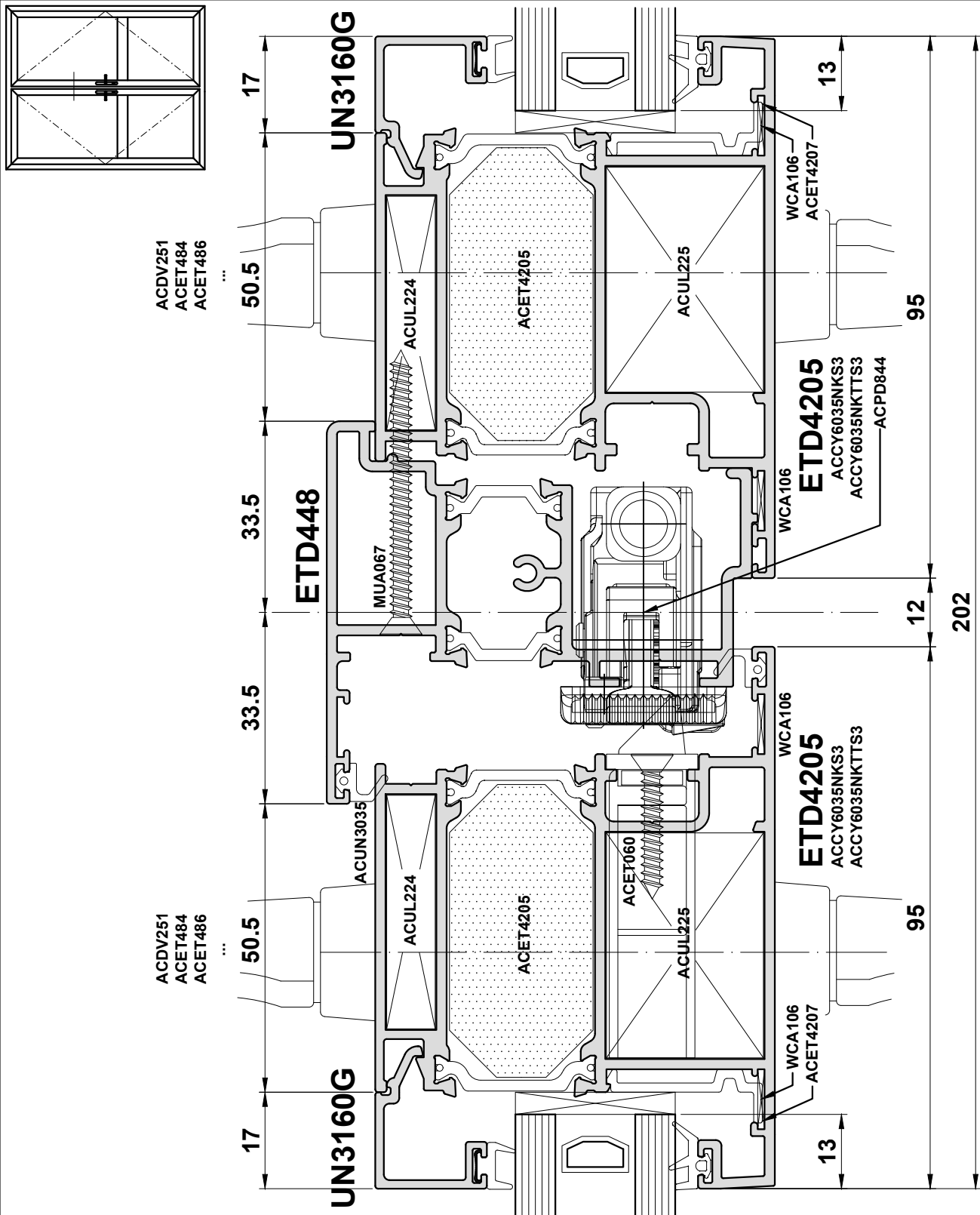
Do Not Scale From This Drawing

## Open Out - Detail 14a



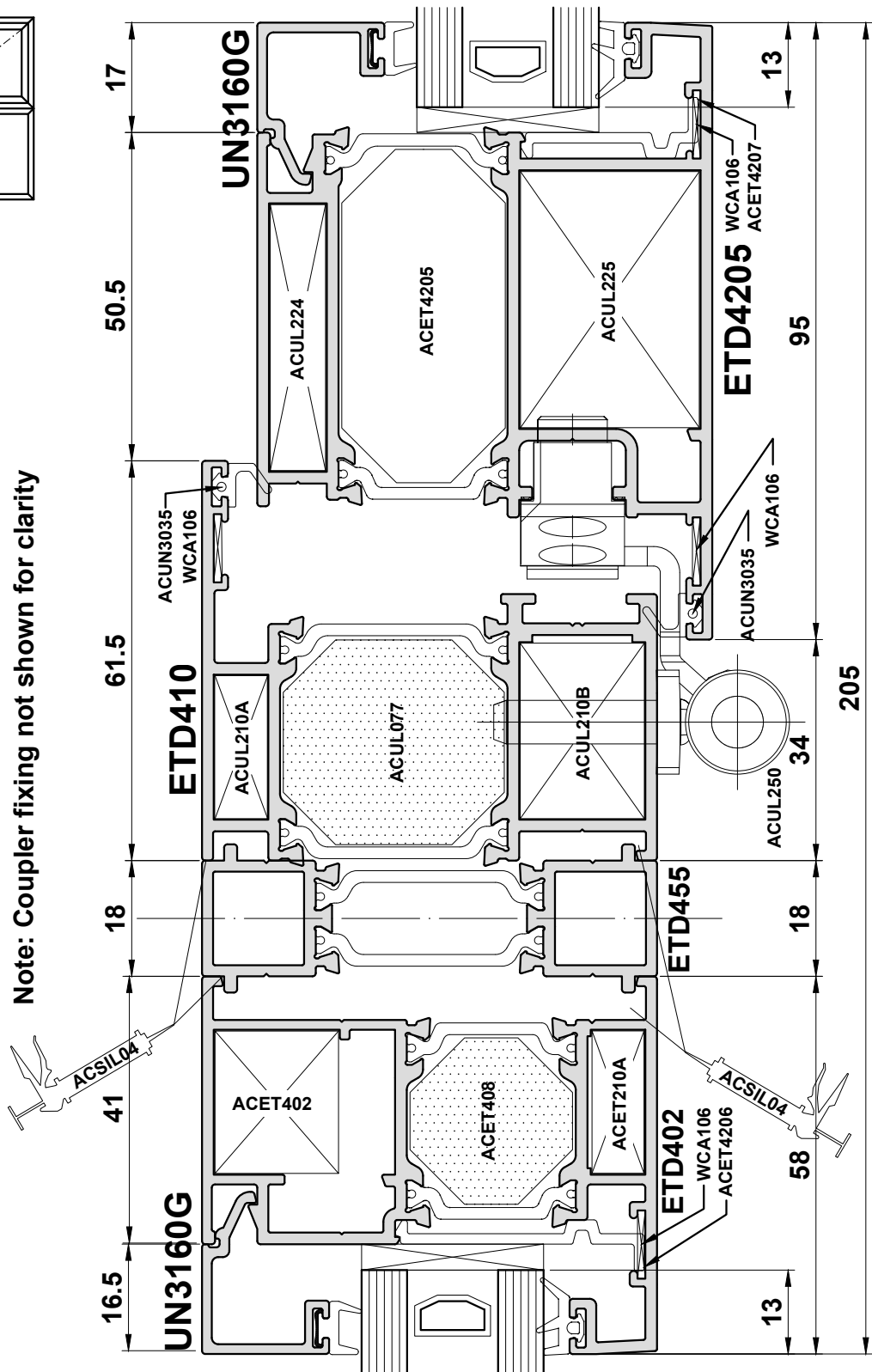
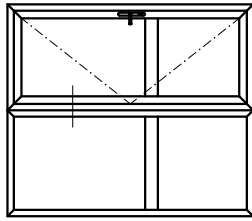
## Do Not Scale From This Drawing

## Open Out - Detail 14b



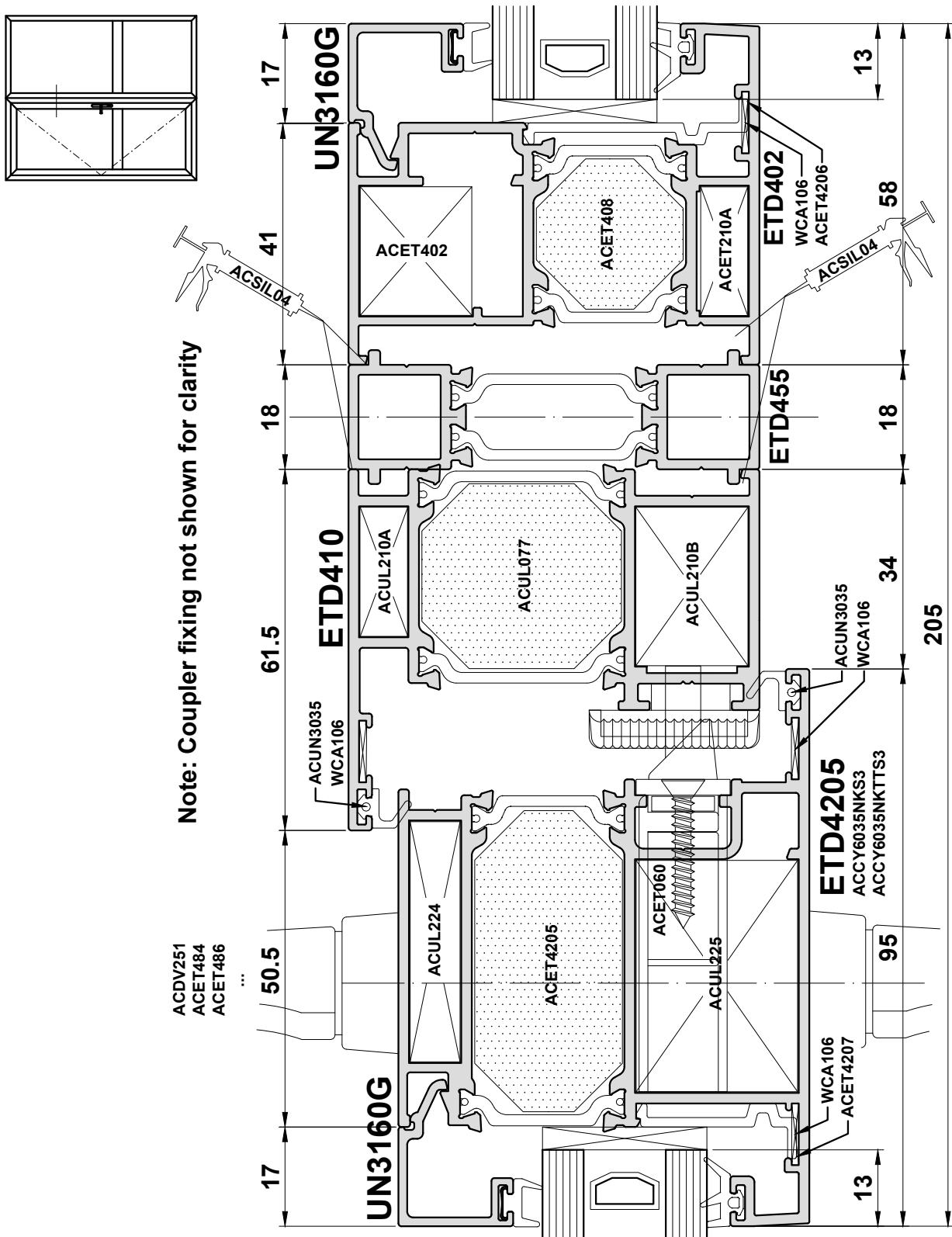
Do Not Scale From This Drawing

**Open Out - Detail 15**



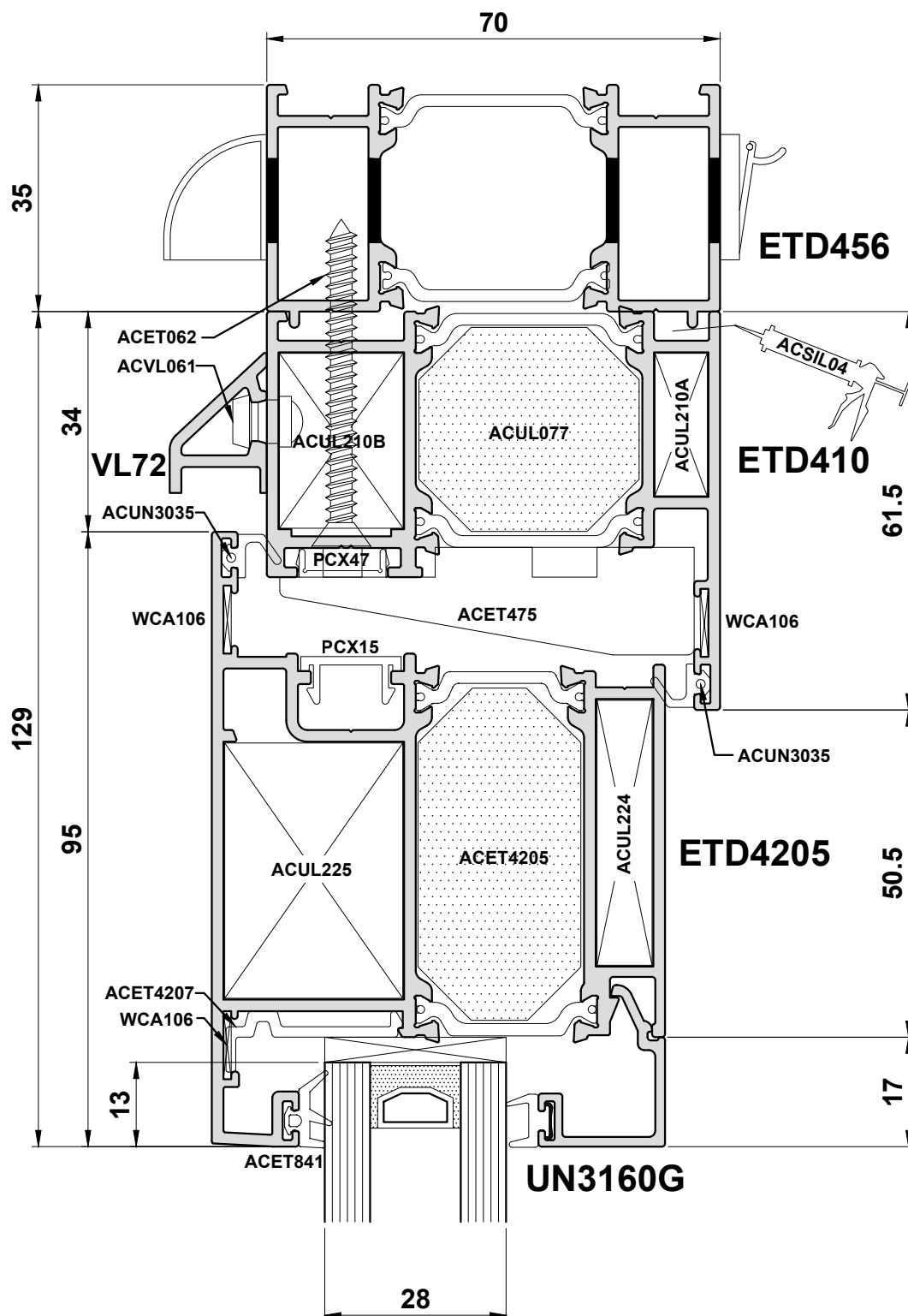
**Do Not Scale From This Drawing**

## Open Out - Detail 16



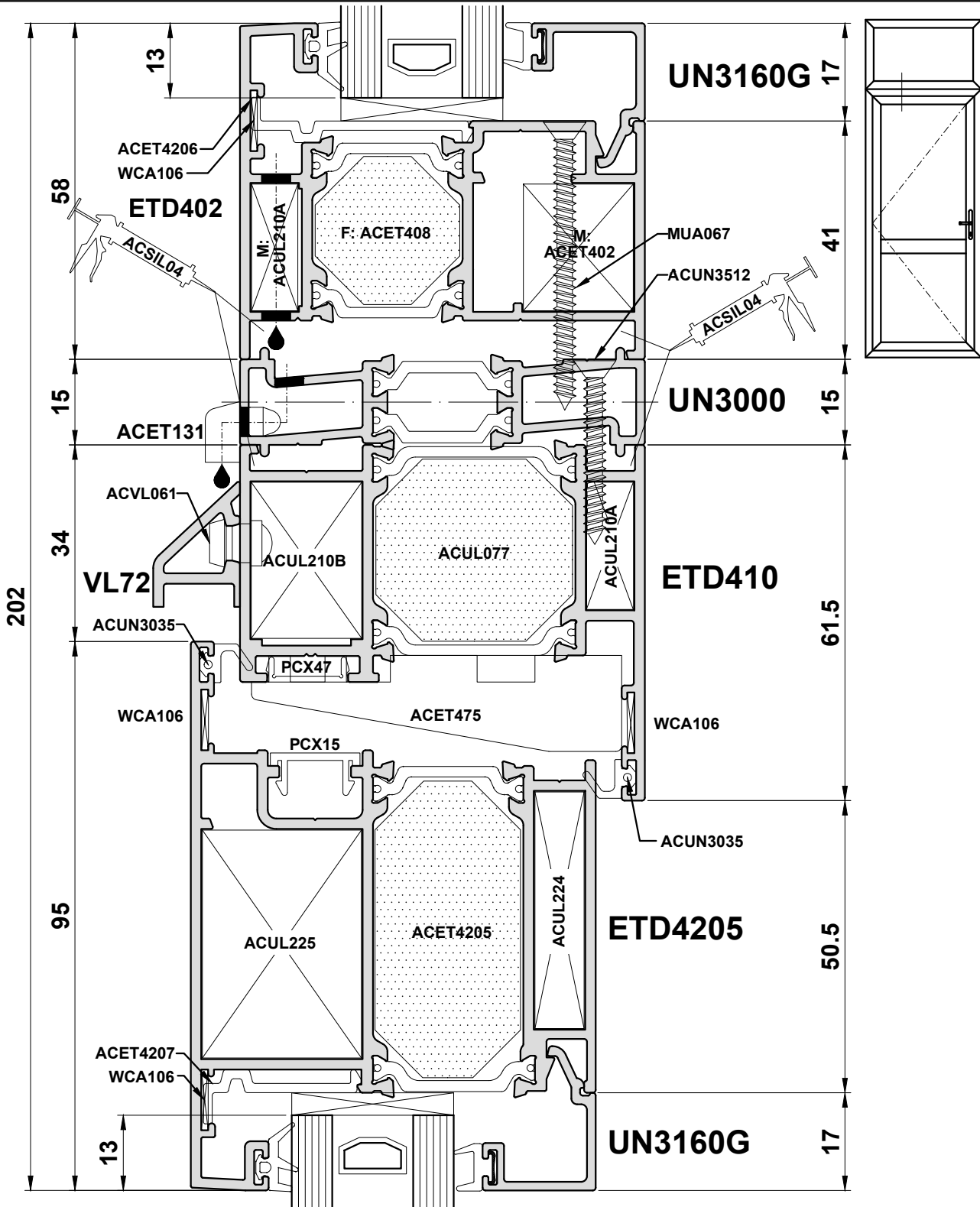
## Do Not Scale From This Drawing

## Open Out - Detail 17



**Do Not Scale From This Drawing**

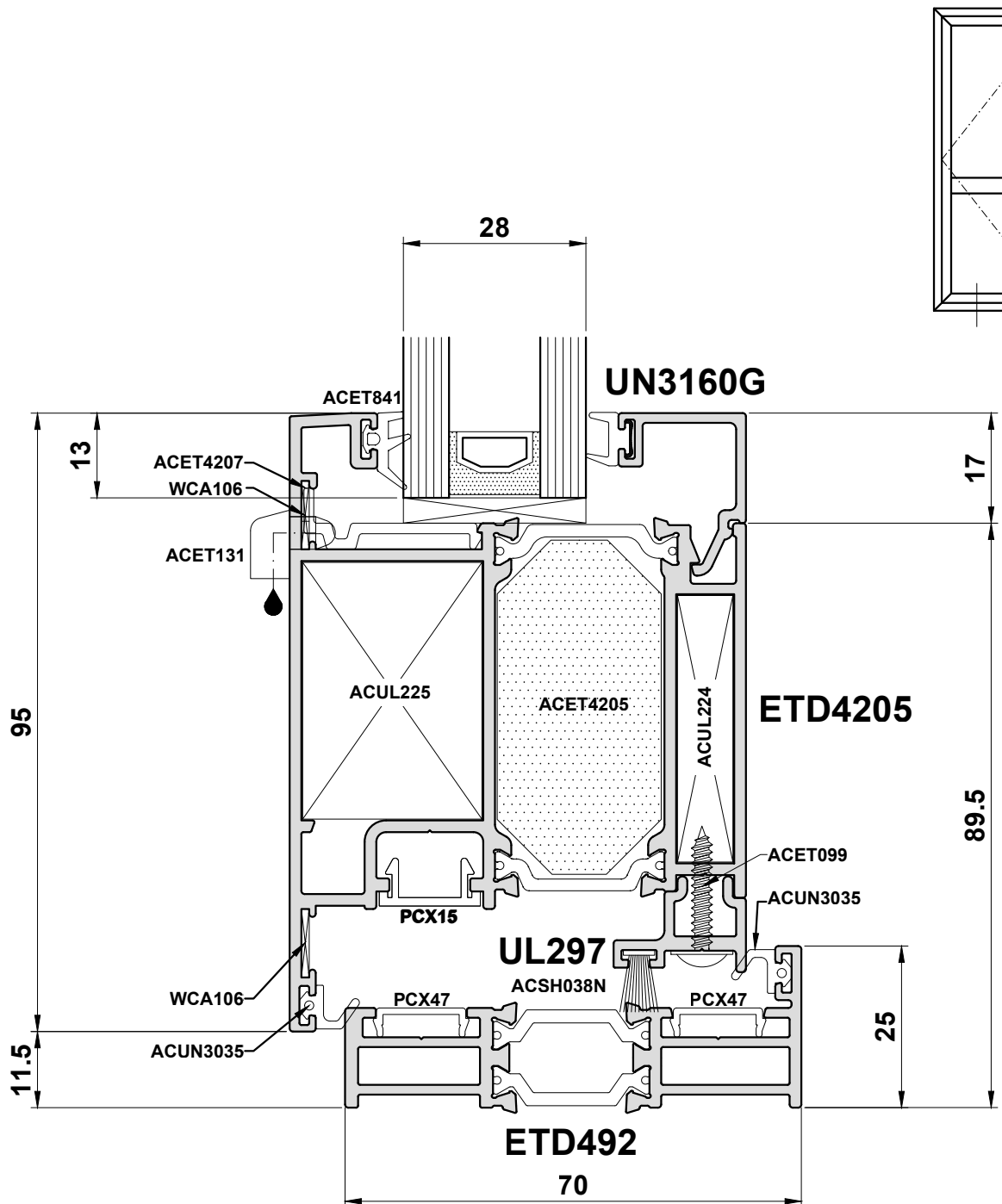
## Open Out - Detail 18



Do Not Scale From This Drawing

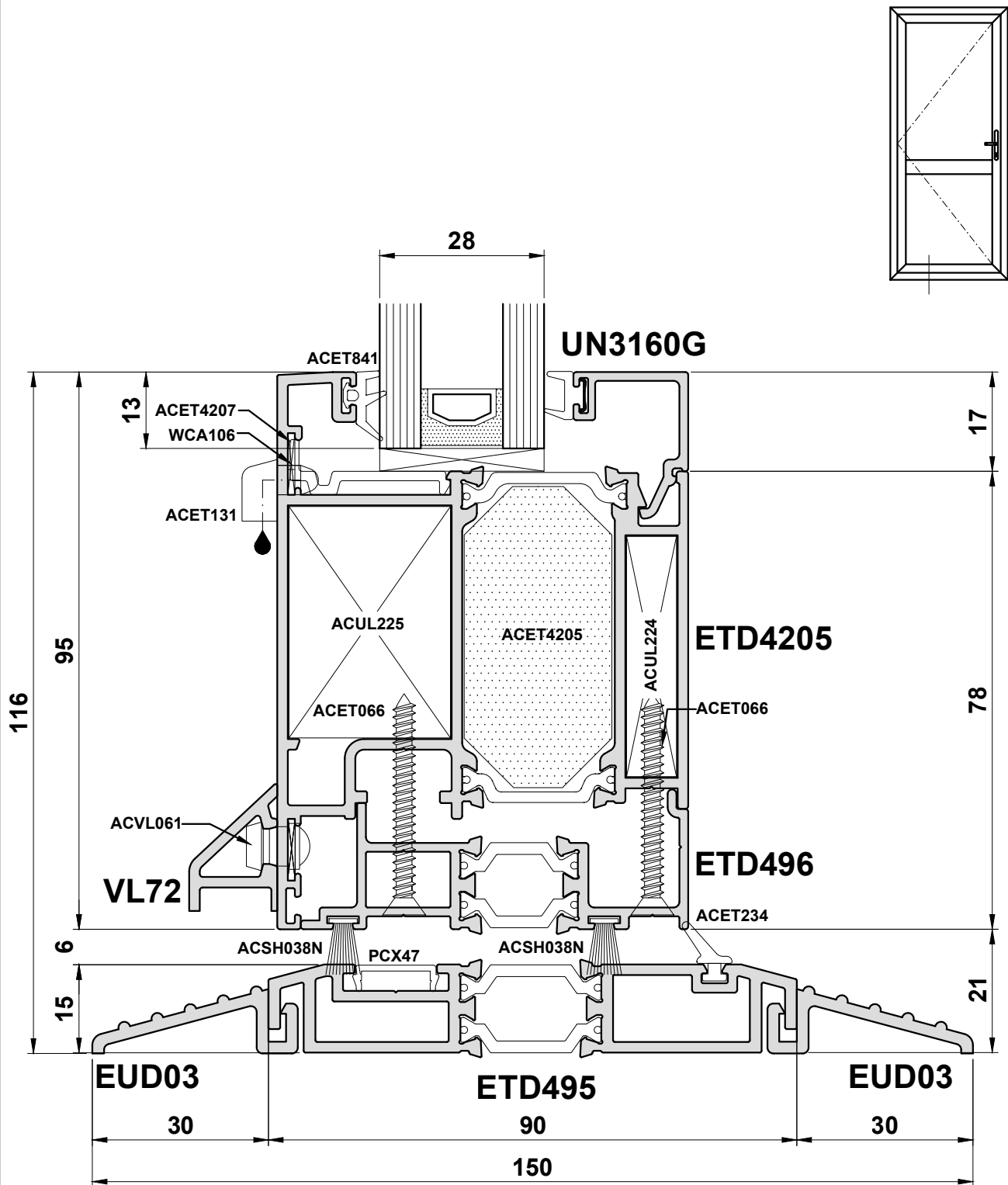


**Open Out - Detail 19a**



**Do Not Scale From This Drawing**

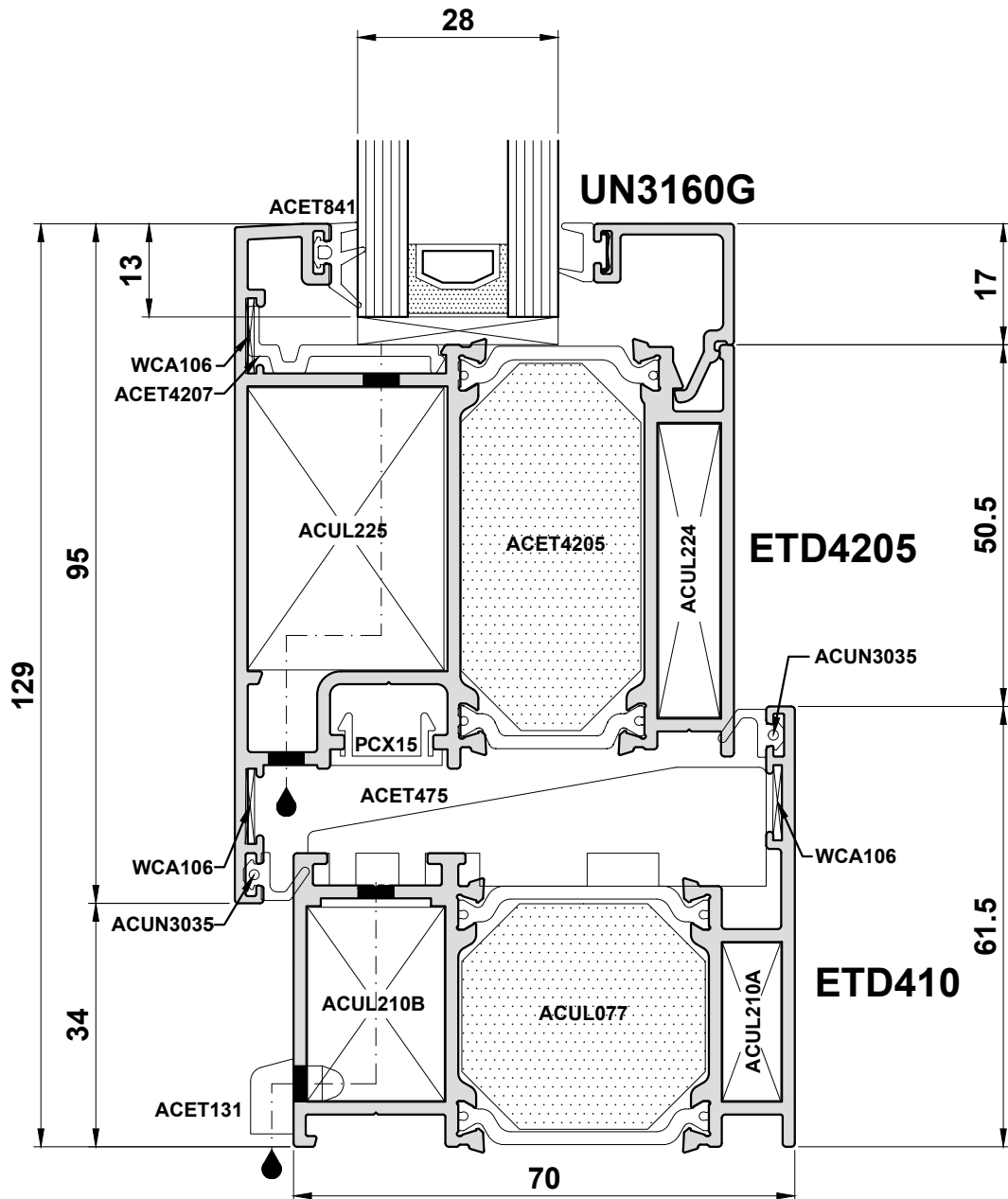
**Open Out - Detail 19b**



**Do Not Scale From This Drawing**

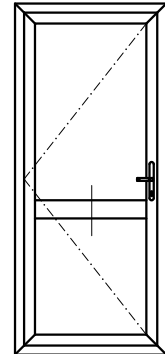
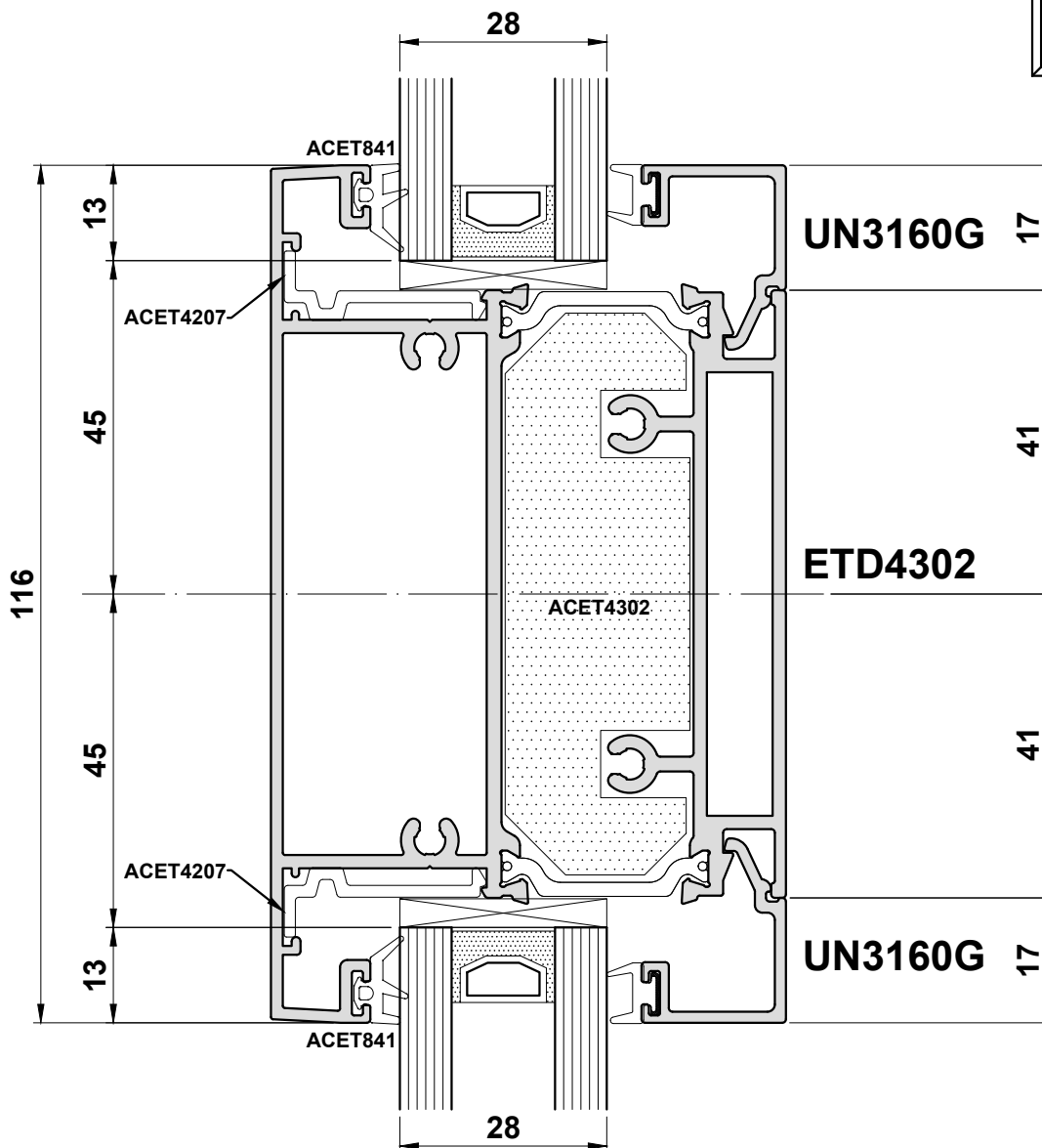
# Alitherm 400 Stepped Door

## Open Out - Detail 19c



Do Not Scale From This Drawing

**Open In - Detail 20**



**Do Not Scale From This Drawing**

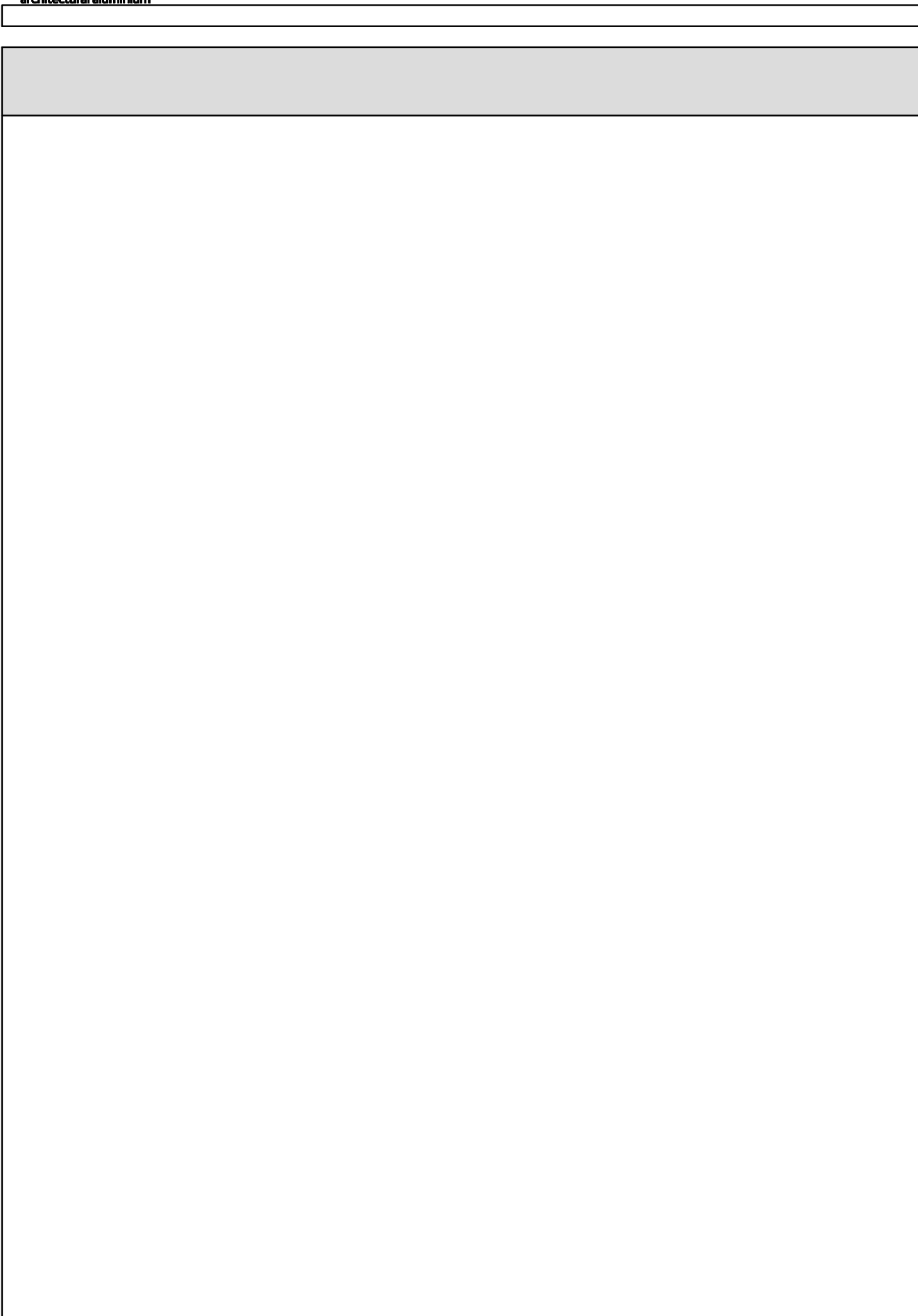
**Section D**

**Statics**

**Open Out & In**

**General Size Limitations are shown on Page A02.**

**For Wind Loading Limitations, Please Contact  
The Technical Department - T: 01934 833100**



Section E



Construction Drawings - Open In

|                                               |         |
|-----------------------------------------------|---------|
| Corner Joint Detail.....                      | E03     |
| ACUL900 Punch Tool .....                      | E04     |
| Low Rebate Threshold Assembly.....            | E05     |
| Low Ramp Threshold Assembly.....              | E06     |
| Drainage.....                                 | E07     |
| Sub Cill Drainage.....                        | E08     |
| Standard Bead Transom Assembly.....           | E10     |
| Quick-Glaze Bead Transom Assembly.....        | E11     |
| Stainless Steel Hardware.....                 | E12     |
| Panel Door Details.....                       | E13     |
| ACSM020 & ACSM021 Fitting Detail.....         | E14     |
| Door Locking Hardware Options.....            | E15     |
| Hinge Preparation.....                        | E16     |
| Lock Overview of Single and Double Doors..... | E17     |
| Single Door Lock Preparation.....             | E18     |
| Lift Lever Shootbolt Layout.....              | E19     |
| Lift Lever Full Frame Preparation.....        | E20-E21 |
| Lift Lever Low Rebate Preparation.....        | E22-E23 |
| Lift Lever Low Ramp Preparation.....          | E24-E25 |
| ACUL267 & ACUL268 Lock Preparation.....       | E26     |
| Fingerbolt Full Frame Preparation.....        | E27-E28 |
| Fingerbolt Low Rebate Preparation.....        | E29-E30 |
| Fingerbolt Low Ramp Preparation.....          | E31-E32 |
| Letter Plate Fitting.....                     | E33     |
| Glazing Chart.....                            | E34-E36 |
| Quick-Glaze Bead.....                         | E37-E38 |
| Glass Adjuster.....                           | E39     |
| Fixing Strap Detail.....                      | E40     |
| Example Layout.....                           | E41     |
| Restrictor Fitting.....                       | E42     |
| Trickle Vent.....                             | E43     |

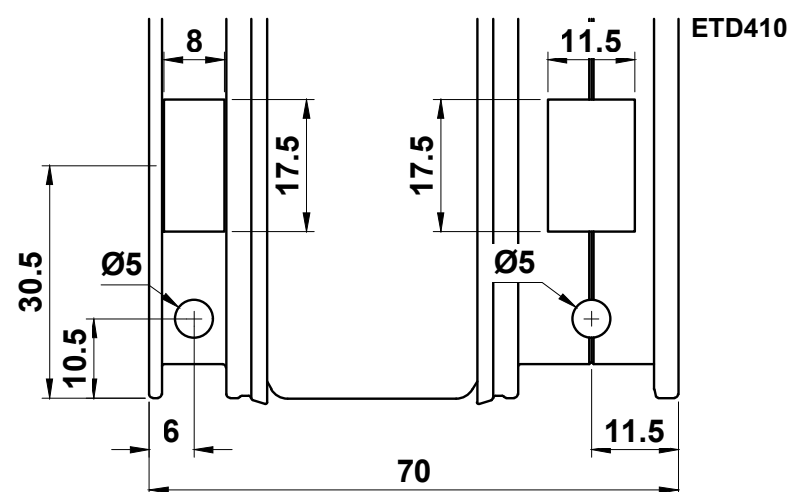
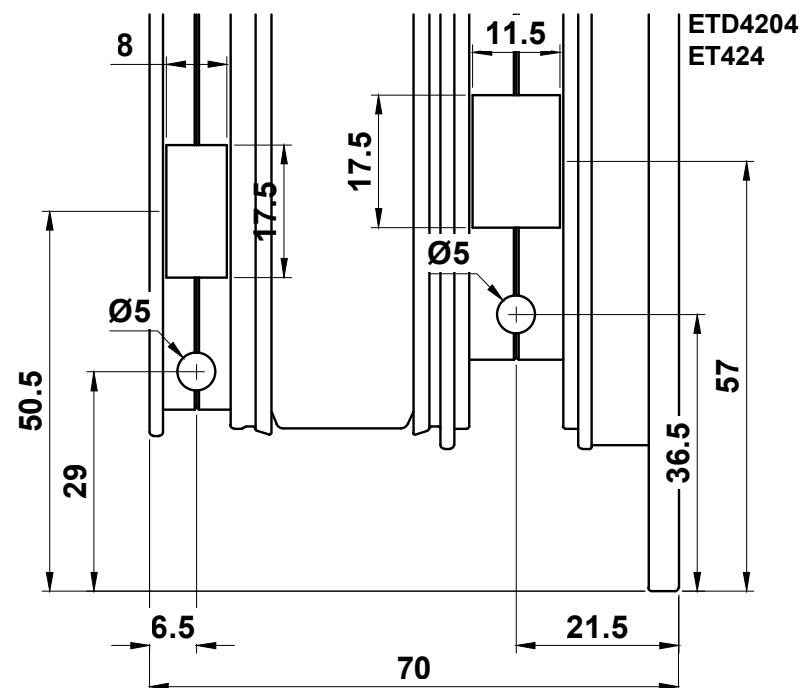
Construction Drawings - Open Out

|                                               |         |
|-----------------------------------------------|---------|
| Corner Joint Detail.....                      | E47     |
| ACUL900 Punch Tool .....                      | E48     |
| Low Rebate Threshold Assembly.....            | E49     |
| Low Ramp Threshold Assembly.....              | E50     |
| Drainage.....                                 | E51     |
| Sub Cill Drainage.....                        | E52     |
| Quick-Glaze Bead Transom Assembly.....        | E53     |
| Stainless Steel Hardware.....                 | E54     |
| Door Locking Hardware Options.....            | E55     |
| Hinge Preparation.....                        | E56     |
| Lock Overview of Single and Double Doors..... | E57     |
| Single Door Lock Preparation.....             | E58     |
| Lift Lever Shootbolt Layout.....              | E59     |
| Lift Lever Full Frame Preparation.....        | E60-E61 |
| Lift Lever Low Rebate Preparation.....        | E62-E63 |
| Lift Lever Low Ramp Preparation.....          | E64-E65 |
| ACUL267 & ACUL268 Lock Preparation.....       | E66     |
| Fingerbolt Full Frame Preparation.....        | E67-E68 |
| Fingerbolt Low Rebate Preparation.....        | E69-E70 |
| Fingerbolt Low Ramp Preparation.....          | E71-E72 |
| Letter Plate Fitting.....                     | E73     |
| Glazing Chart.....                            | E74-E75 |
| Quick-Glaze Bead.....                         | E76-E77 |
| Glass Adjuster.....                           | E78     |
| Fixing Strap Detail.....                      | E79     |
| Example Layout.....                           | E80     |
| Restrictor Fitting.....                       | E81     |
| Trickle Vent.....                             | E82     |

Section E

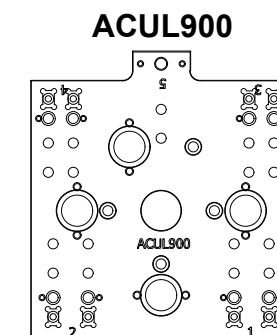
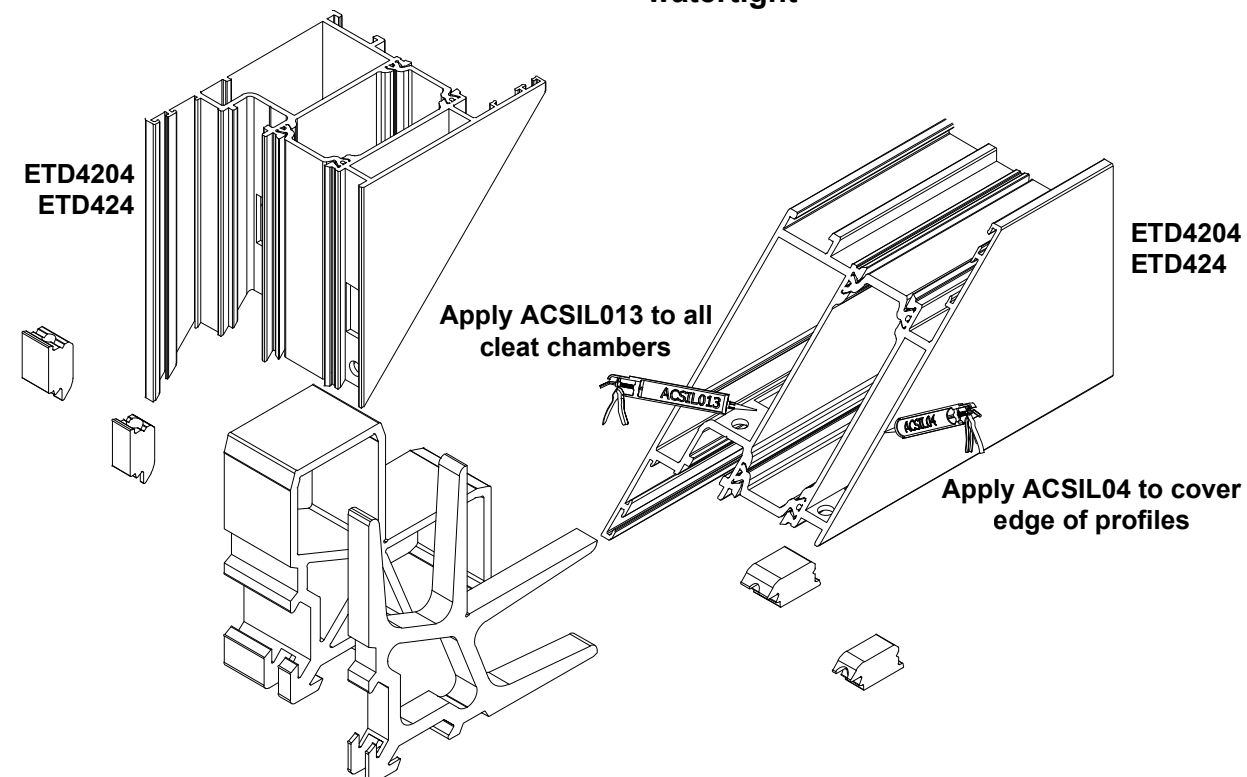


## Corner Joint Details



### Notes

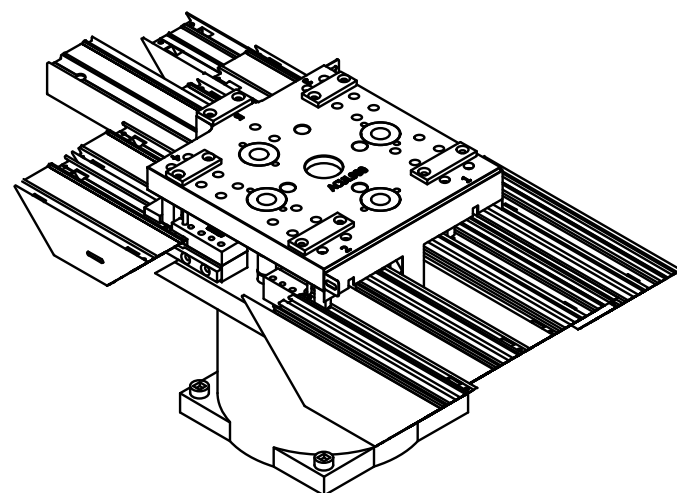
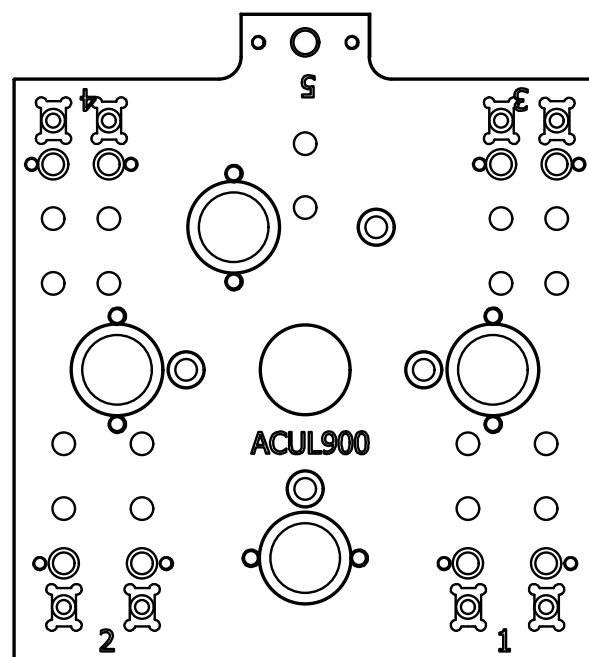
1. Degrease mitre sections
2. Cover mitred faces with ACSIL04
3. Apply ACSIL013 to cleat chambers
4. Apply ACSIL04 to any fractures formed by mechanical joint to make watertight



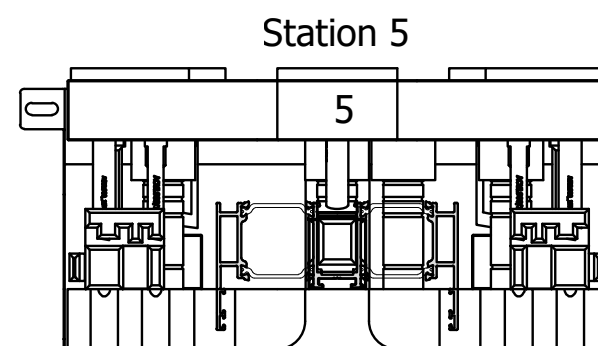
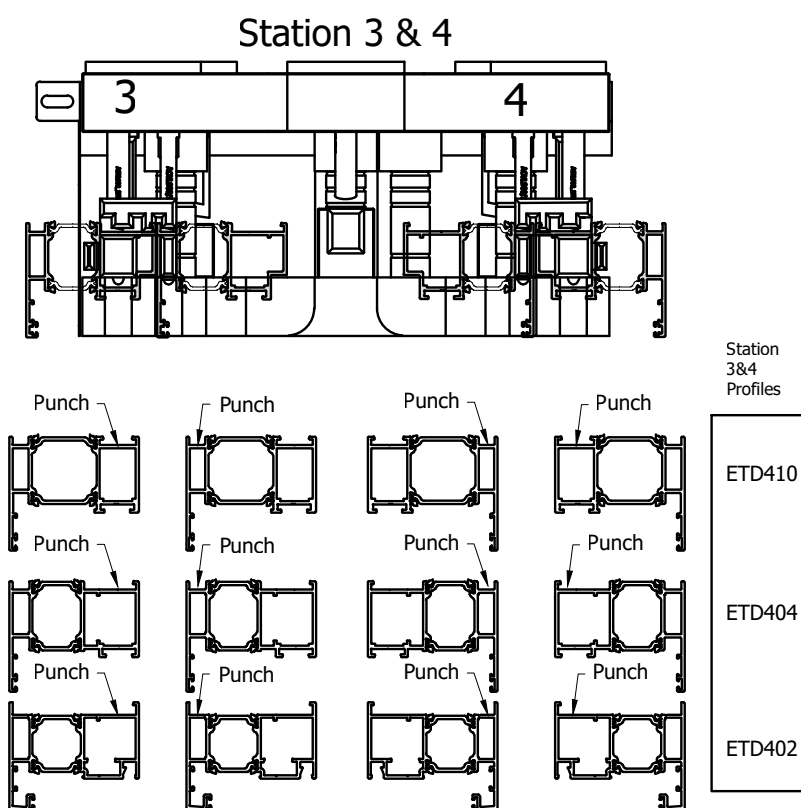
**To ensure accurate corners, we recommend the use of support blocks (by others) whilst cutting.**

Do Not Scale From This Drawing

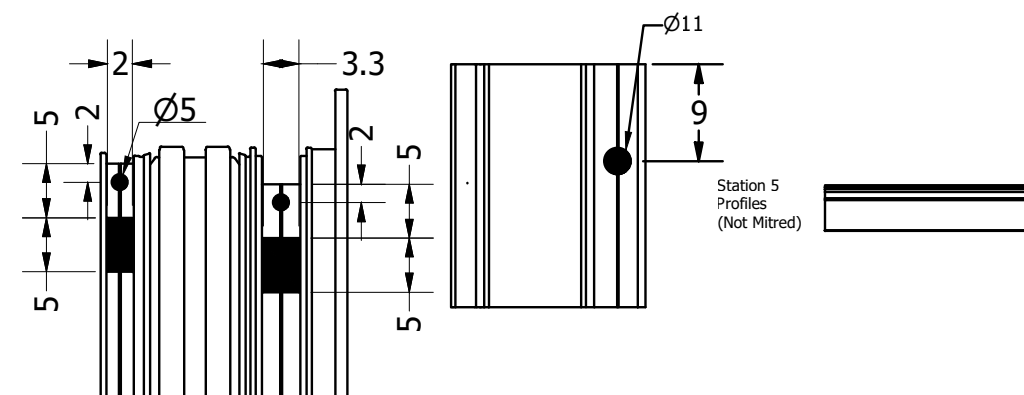
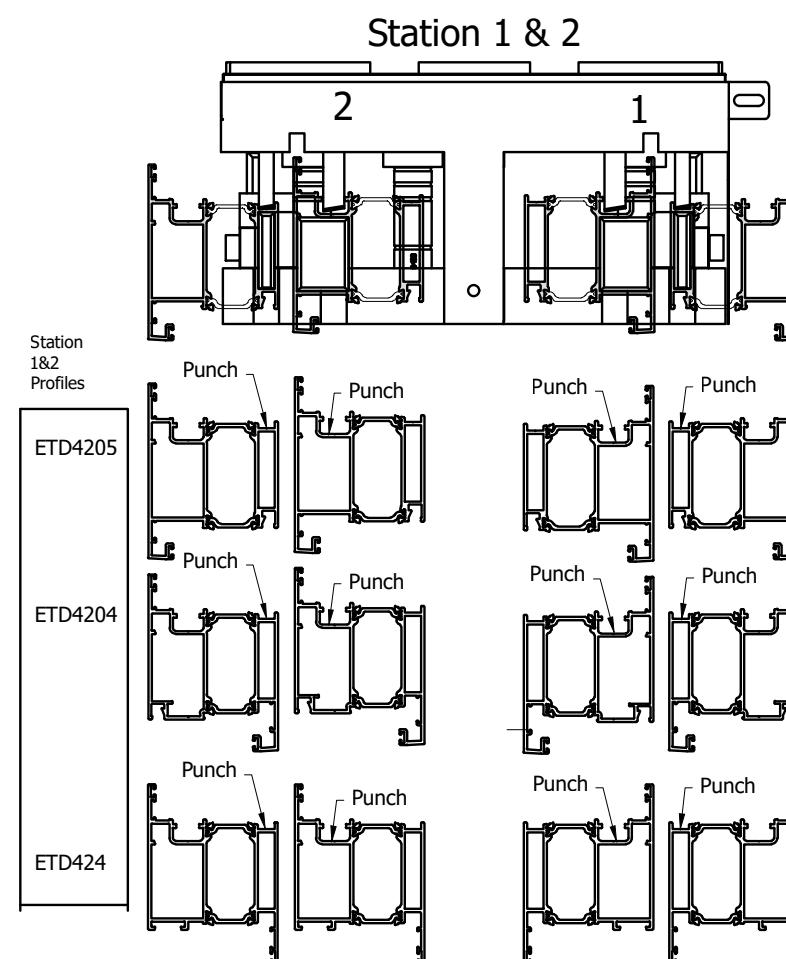
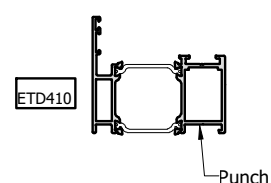
## ACUL900 Punch Tool



**IMPORTANT NOTE:**  
Please do not overtighten  
retaining nut to punch tool base.  
  
Use support stands for longer  
lengths of profiles.

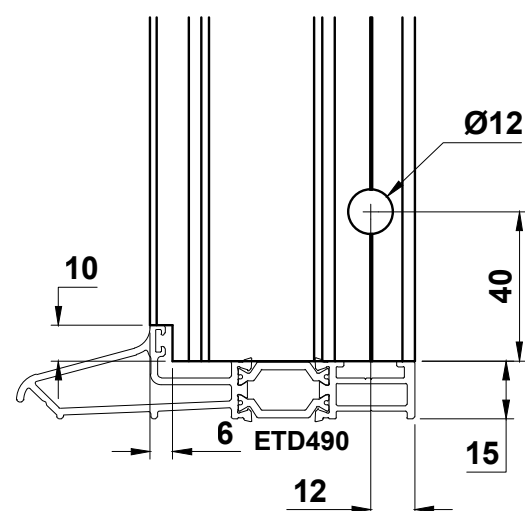
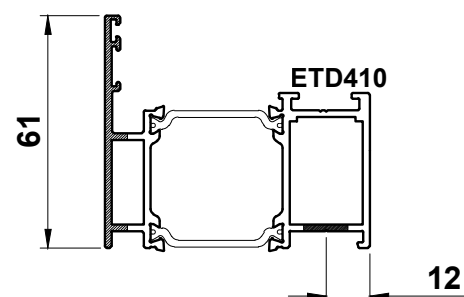
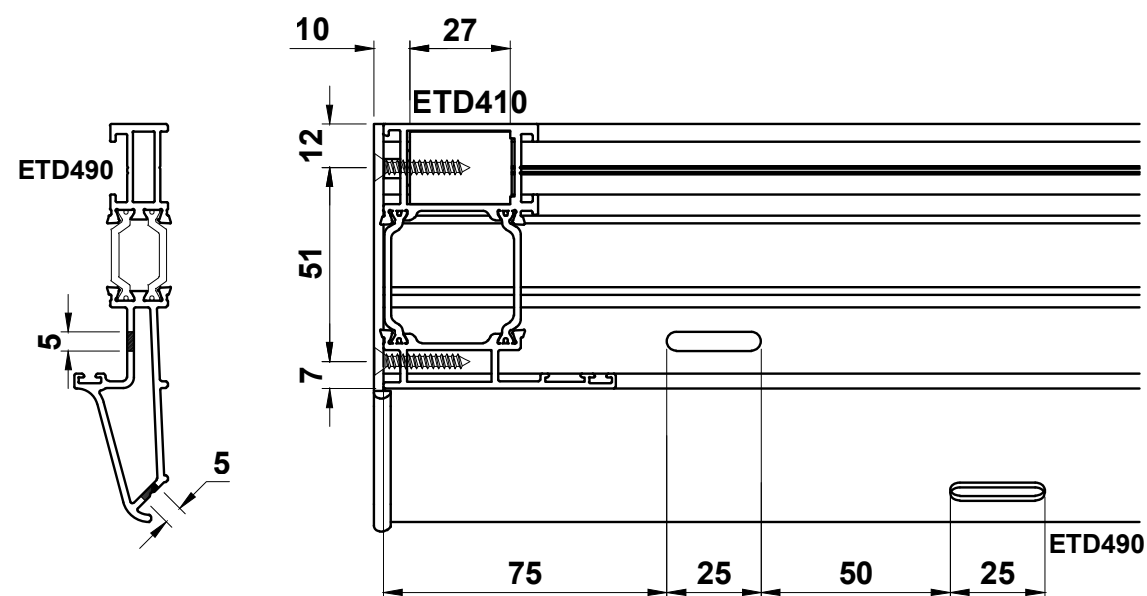


## Station 5 Profiles



**Do Not Scale From This Drawing**

## Low Rebate Threshold Assembly



**Important Note:**  
Ensure end cap is sealed against threshold to prevent water egress.

ACMX852

ACUL295

ACSIL04

ACUL025

ACET4190

ETD490

ACET060

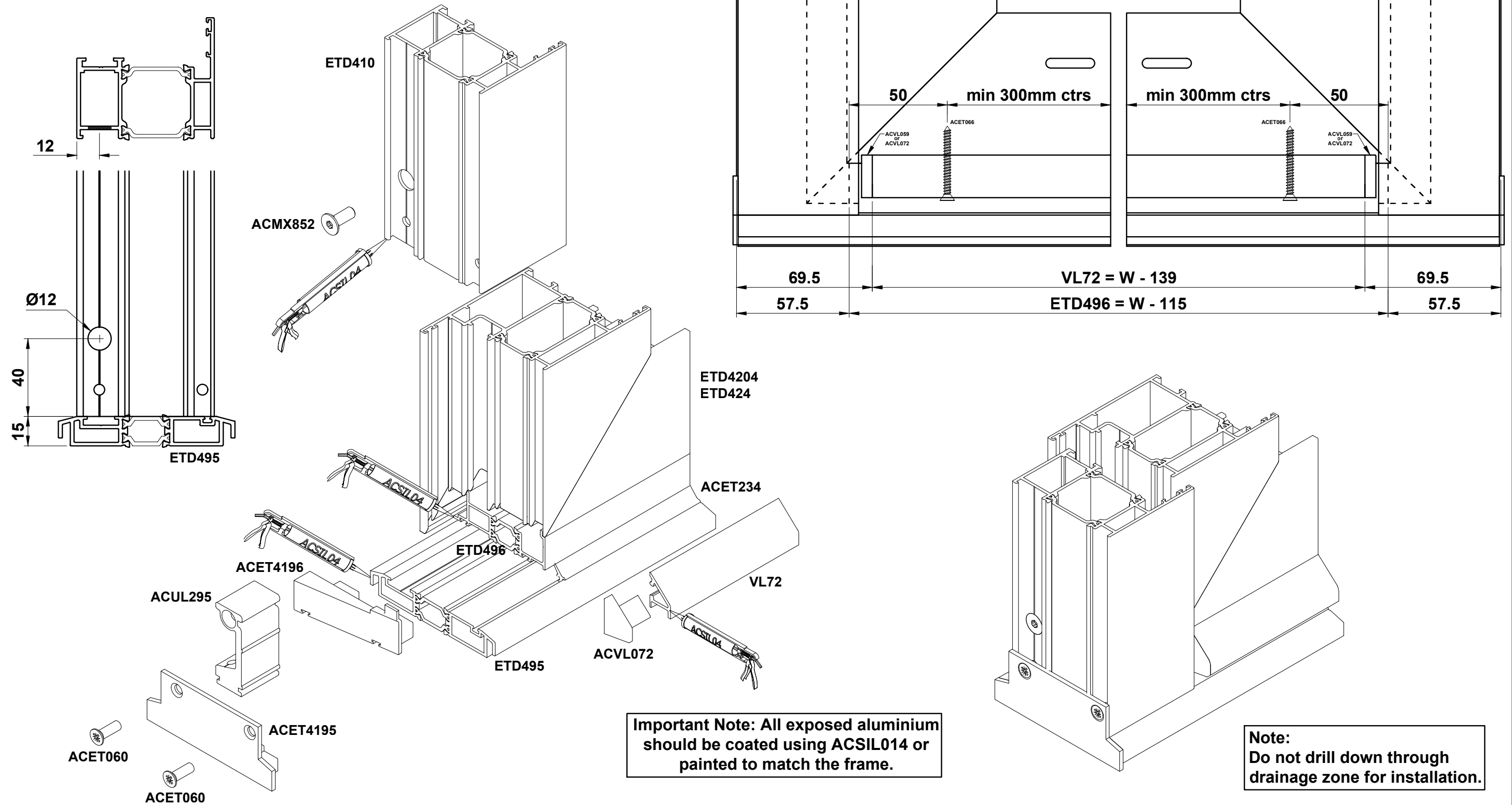
ACET060

**Important Note:** All exposed aluminium should be coated using ACSIL014 or painted to match the frame.

**Note:**  
Do not drill down through drainage zone for installation.

Do Not Scale From This Drawing

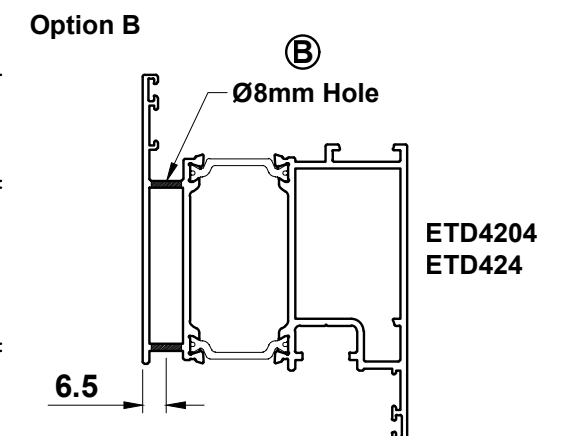
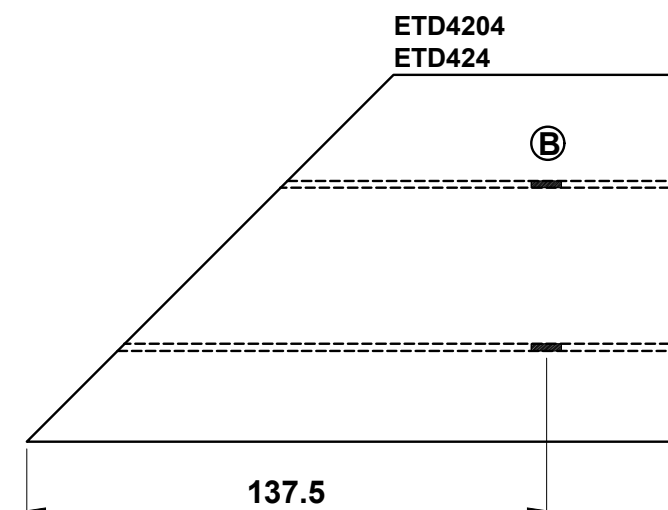
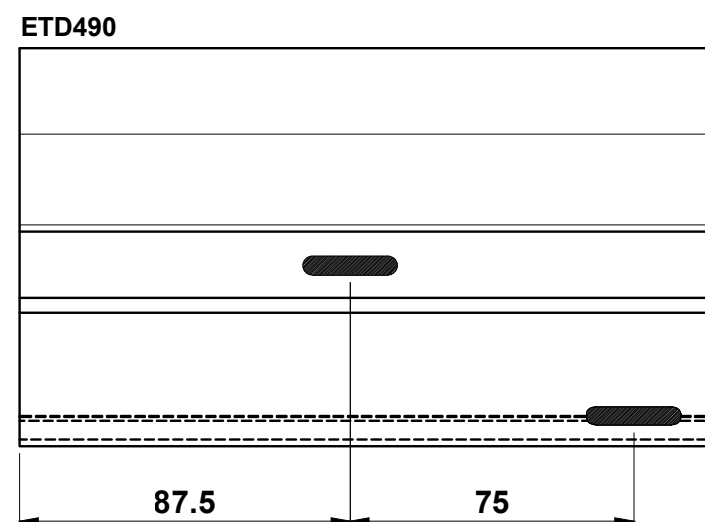
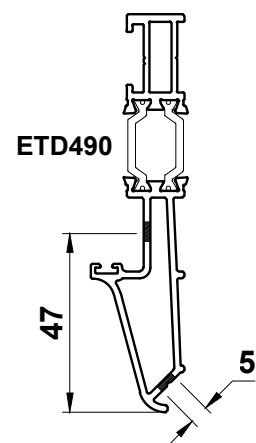
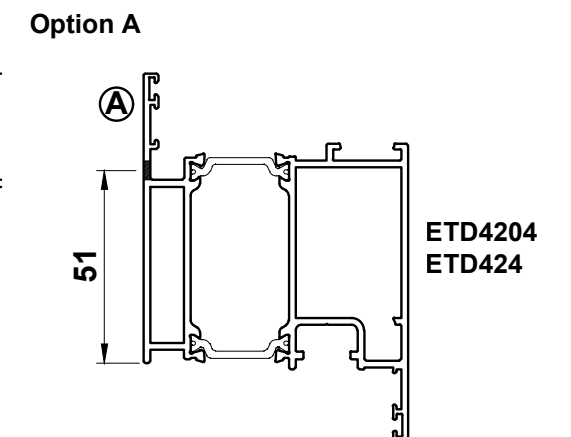
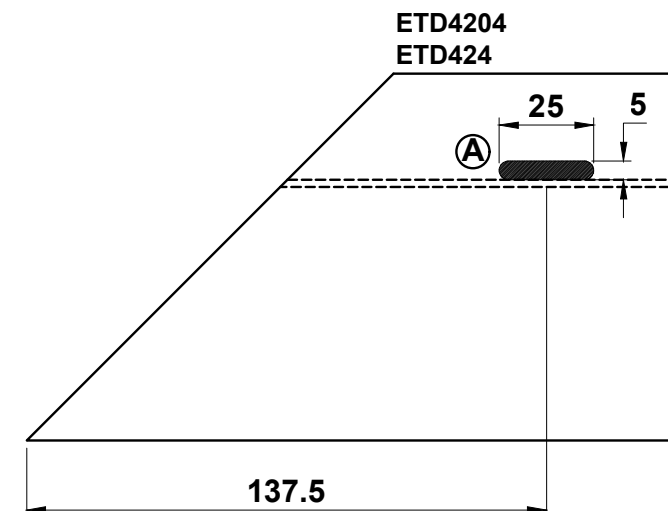
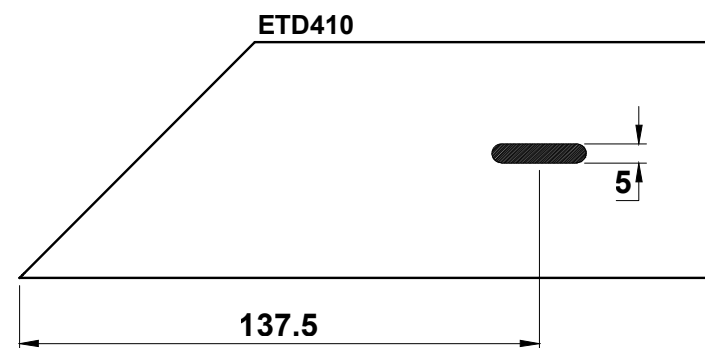
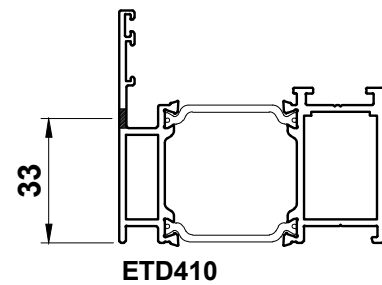
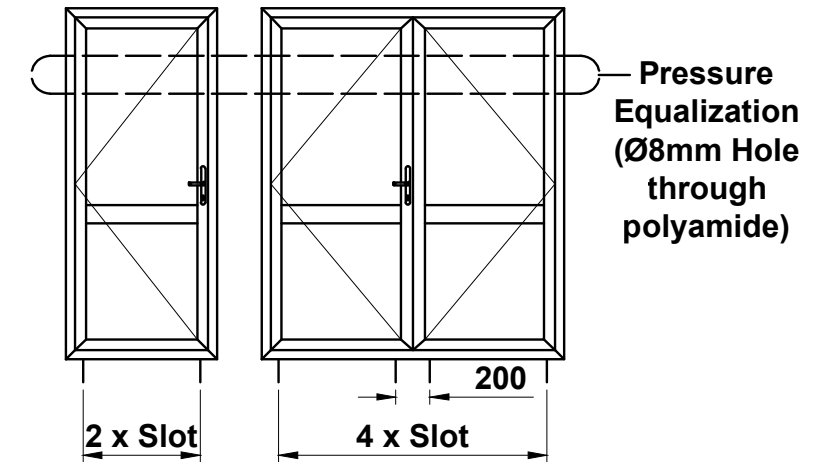
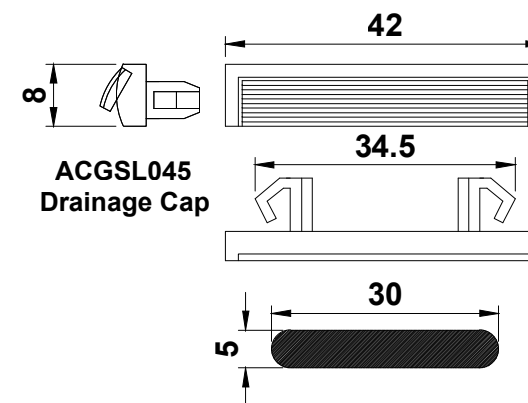
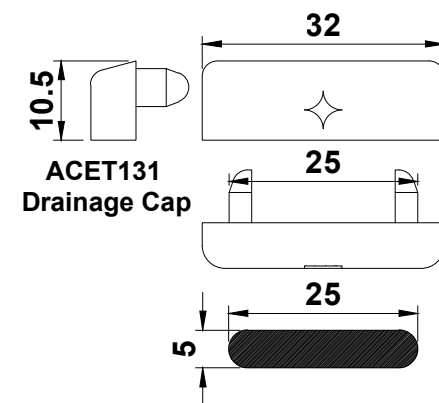
## Low Ramp Threshold Assembly



Do Not Scale From This Drawing

## Drainage

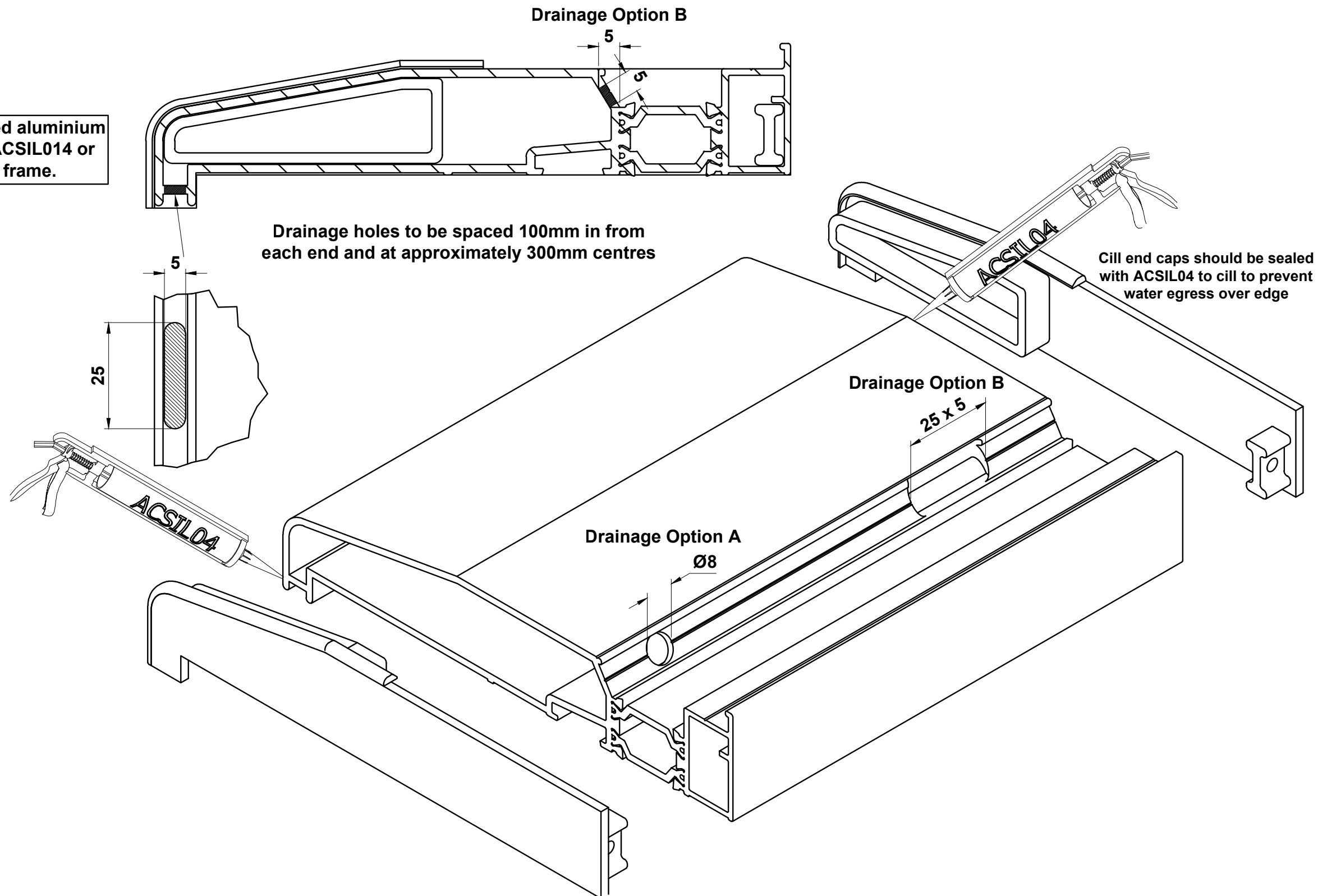
**Important Note:** All exposed aluminium should be coated using ACSIL014 or painted to match the frame.



Do Not Scale From This Drawing

## Sub Cill Drainage

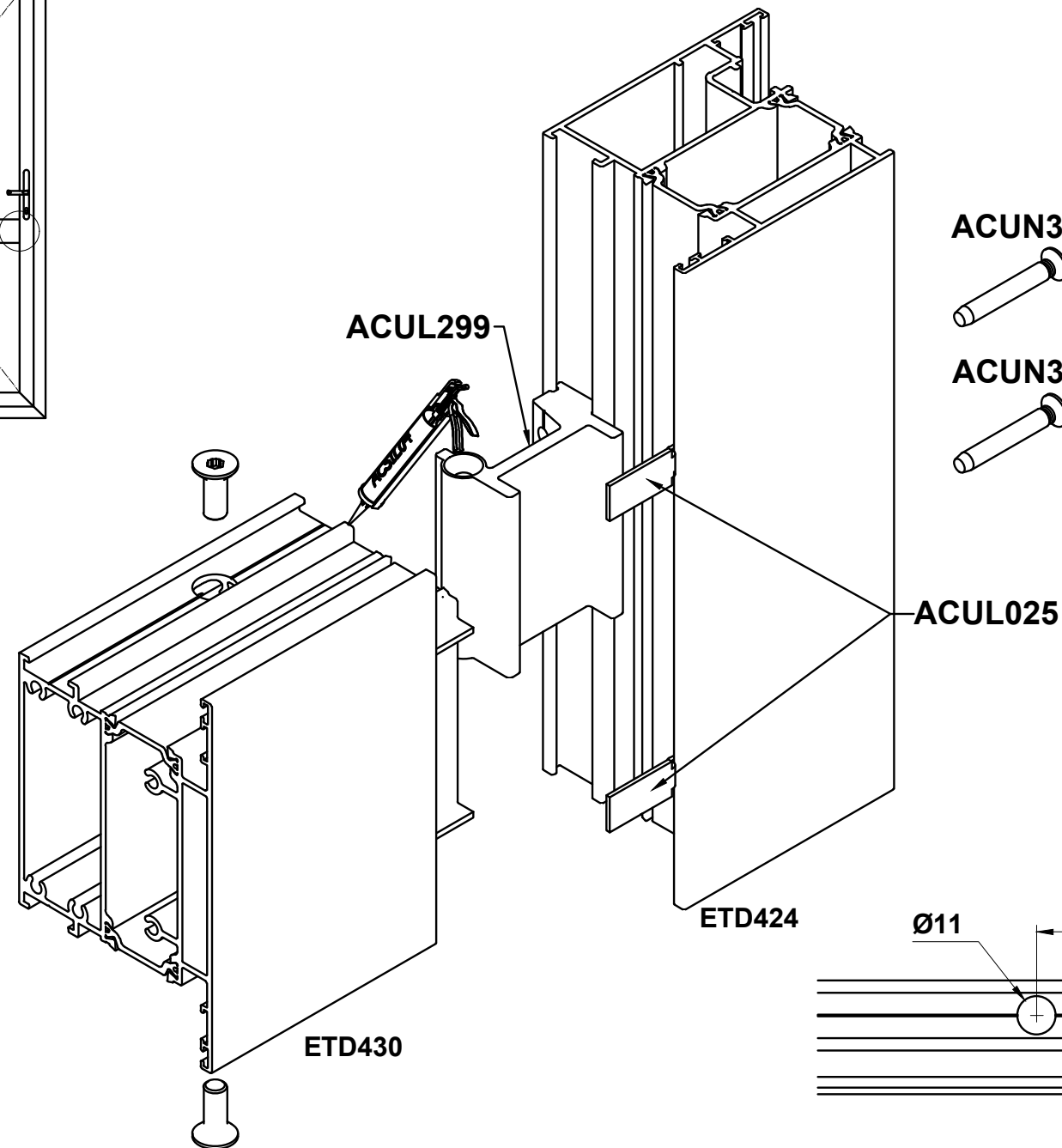
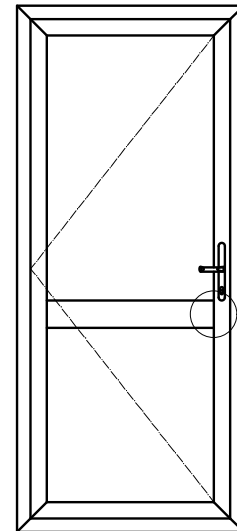
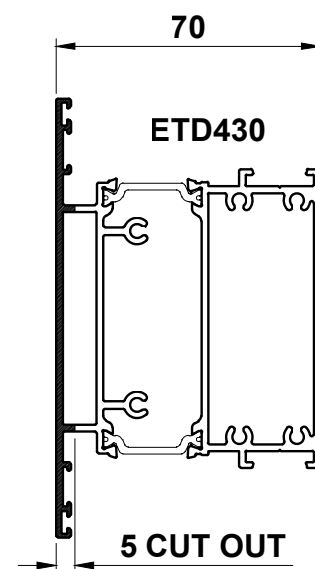
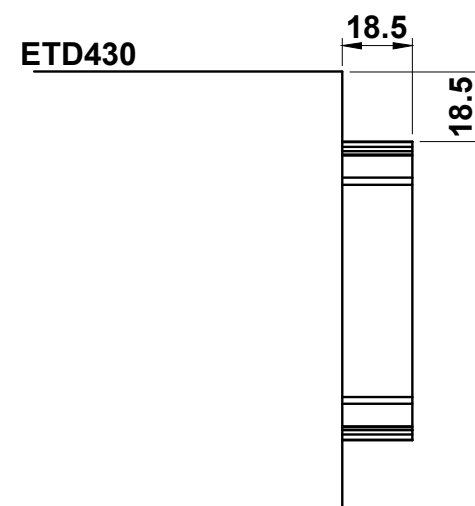
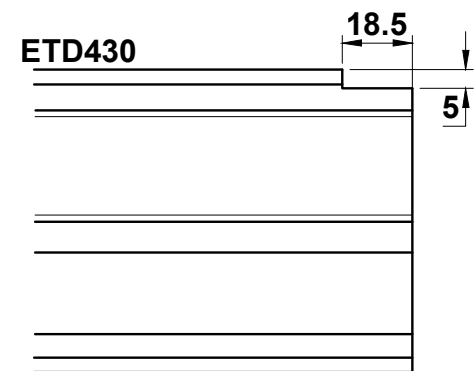
**Important Note:** All exposed aluminium should be coated using ACSIL014 or painted to match the frame.



Do Not Scale From This Drawing



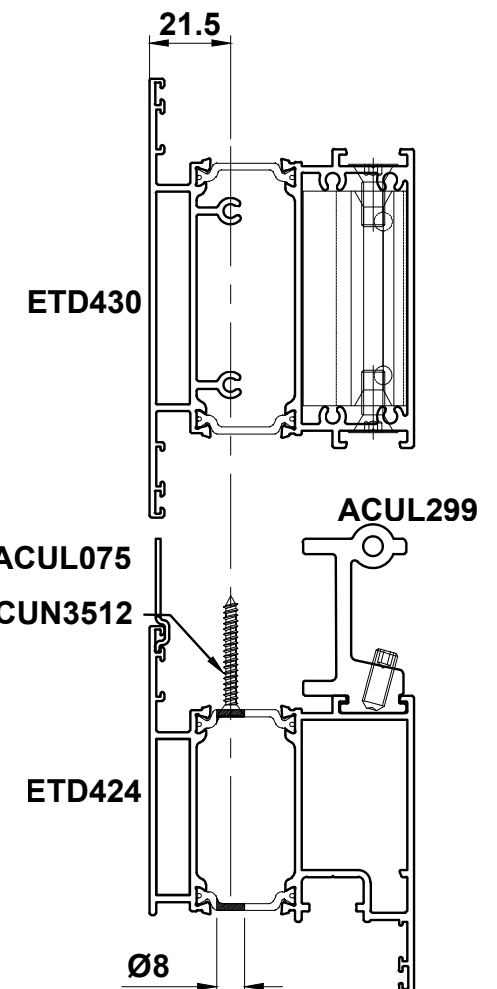
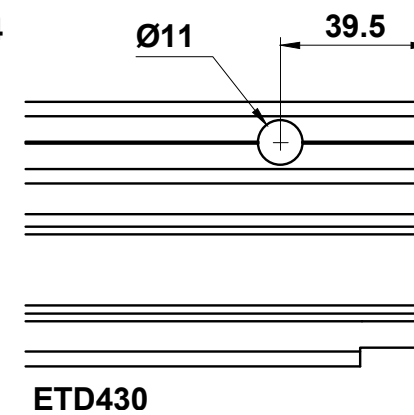
ETD430 & ETD424 Transom Assembly



ACUN3512

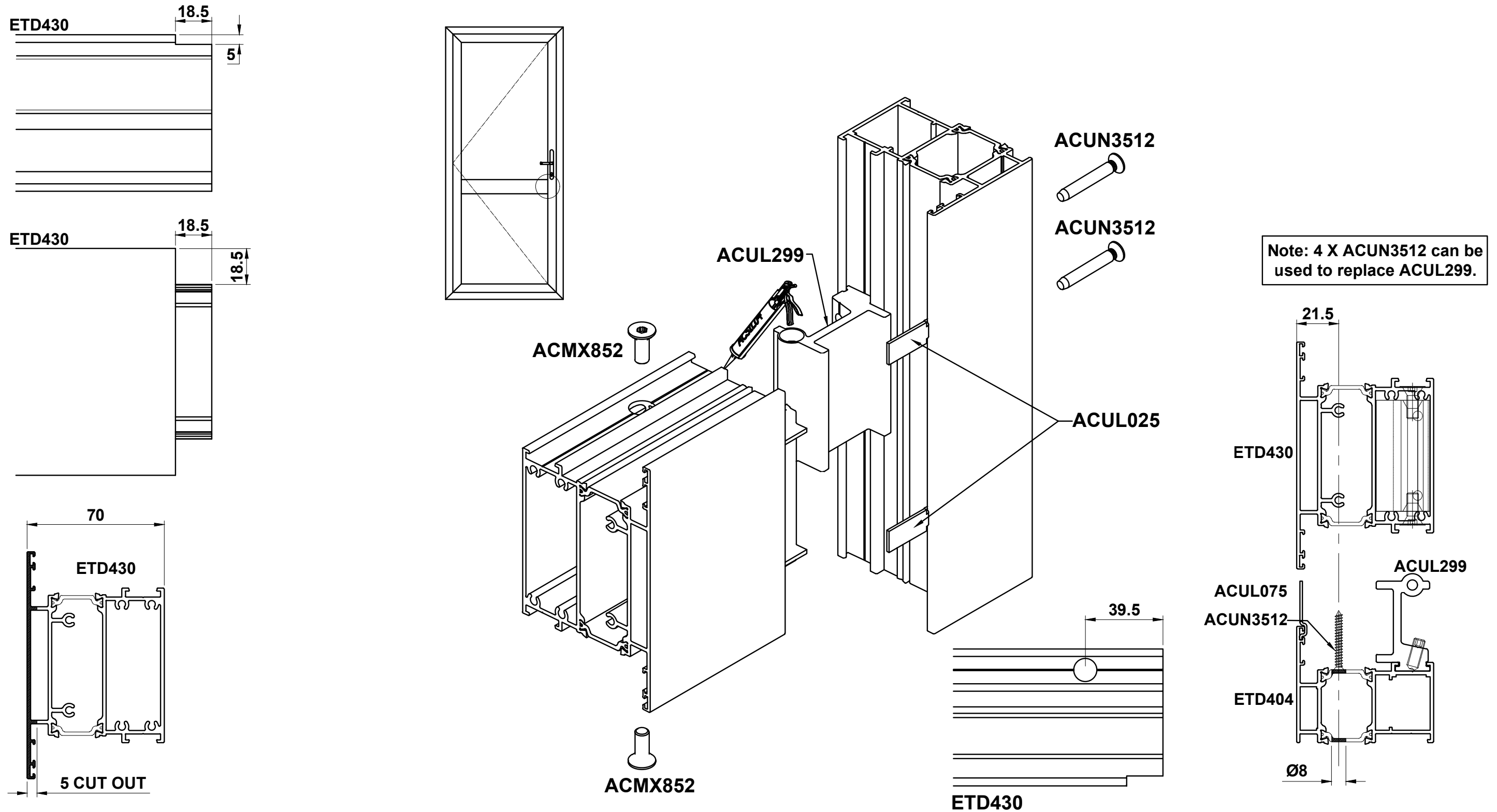
ACUN3512

Note: 4 X ACUN3512 can be used to replace ACUL299.



Do Not Scale From This Drawing

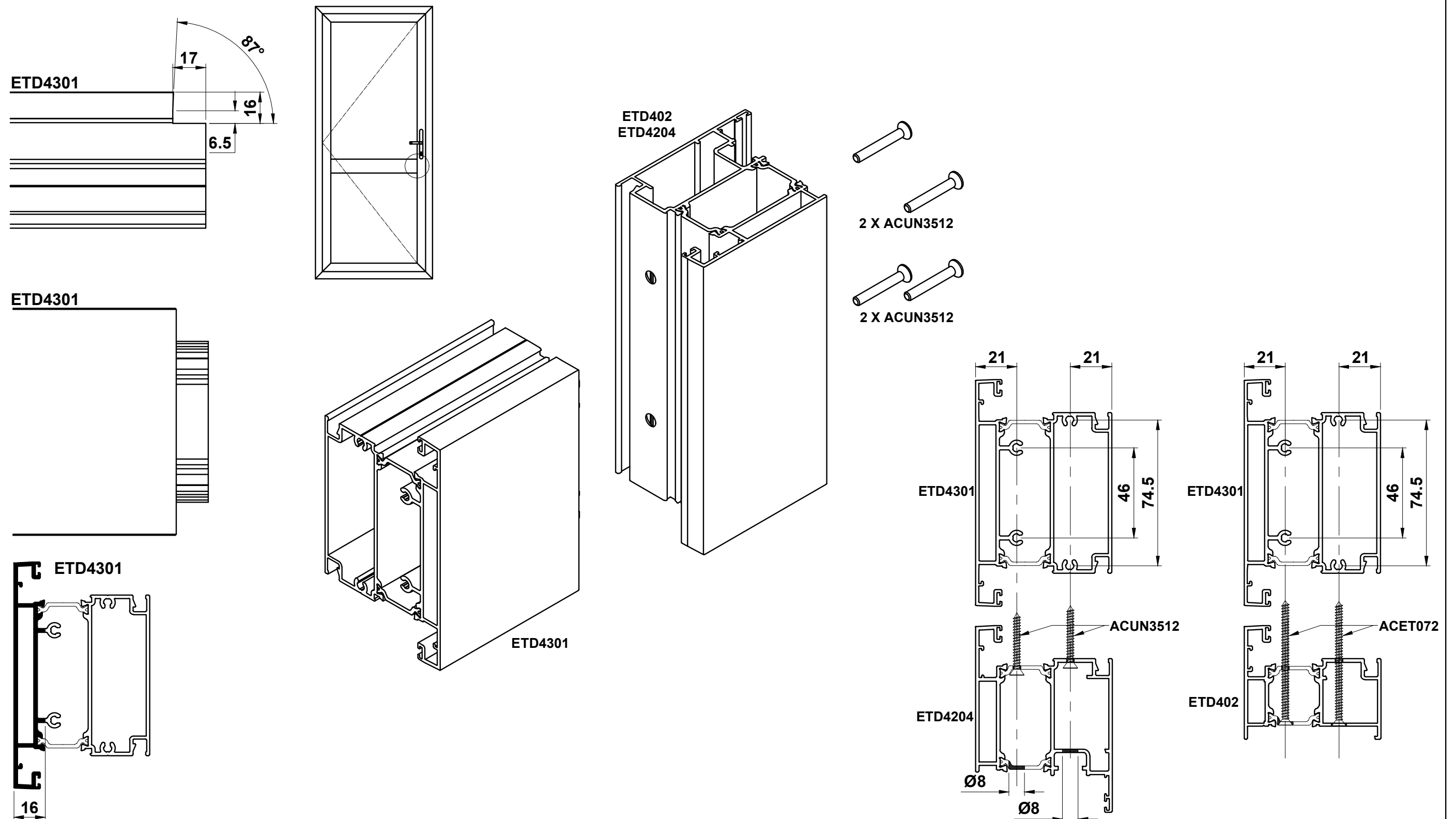
## ETD430 & ETD404 Transom Assembly



Do Not Scale From This Drawing



## ETD4301 Transom Assembly

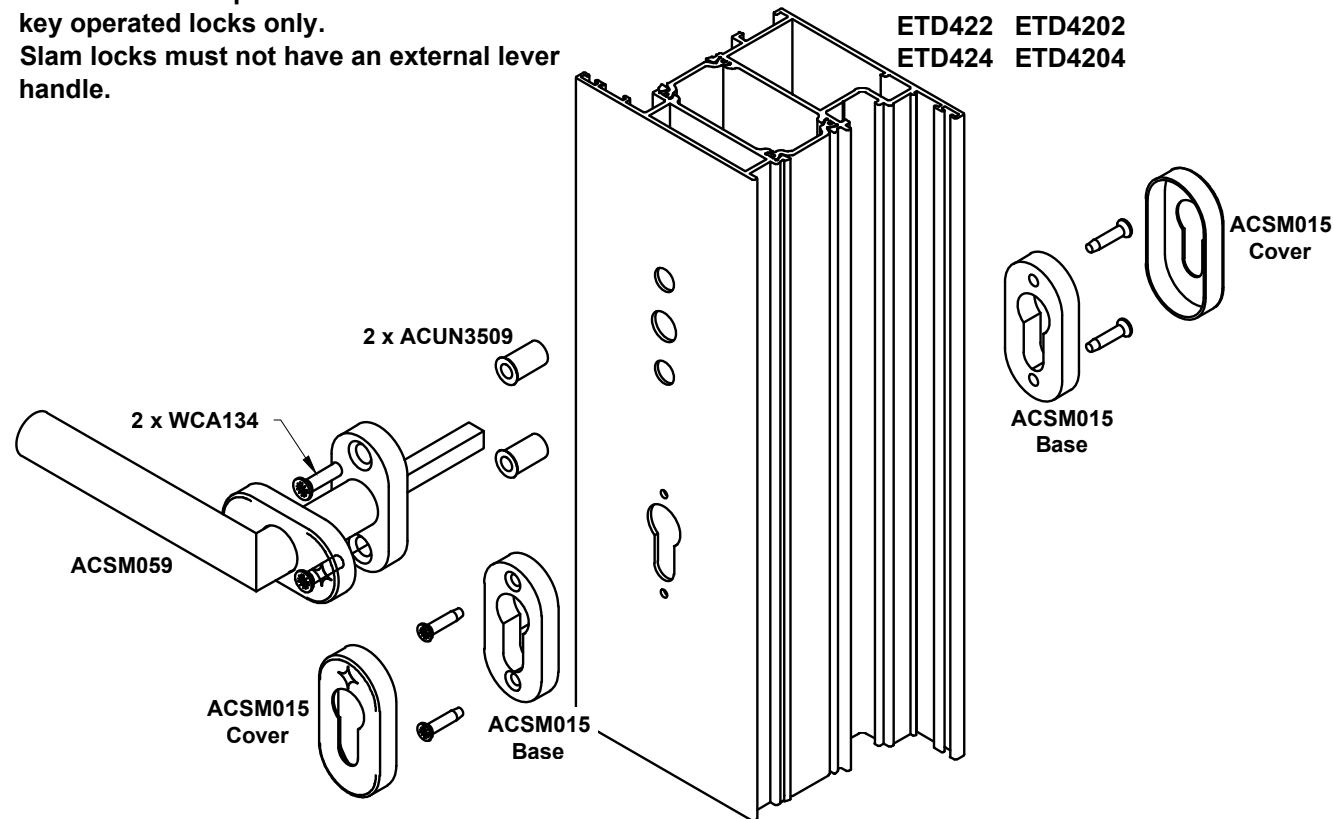


Do Not Scale From This Drawing

## Stainless Steel Hardware - ACSM013, ACSM015, ACSM056 & ACSM059 Fitting Detail

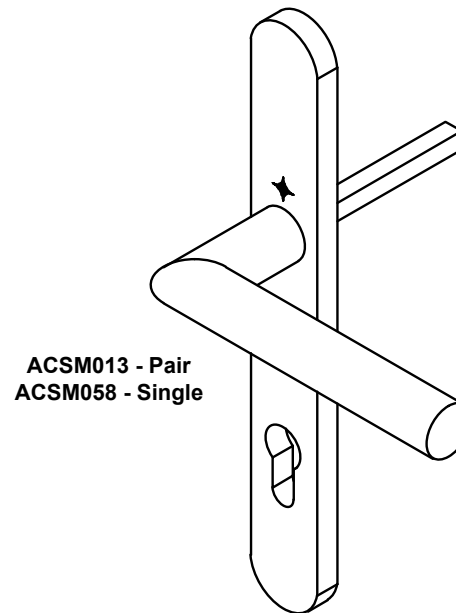
**Please Note:**

ACSM059 is compatible with slam locks and key operated locks only.  
Slam locks must not have an external lever handle.



**Please Note:**

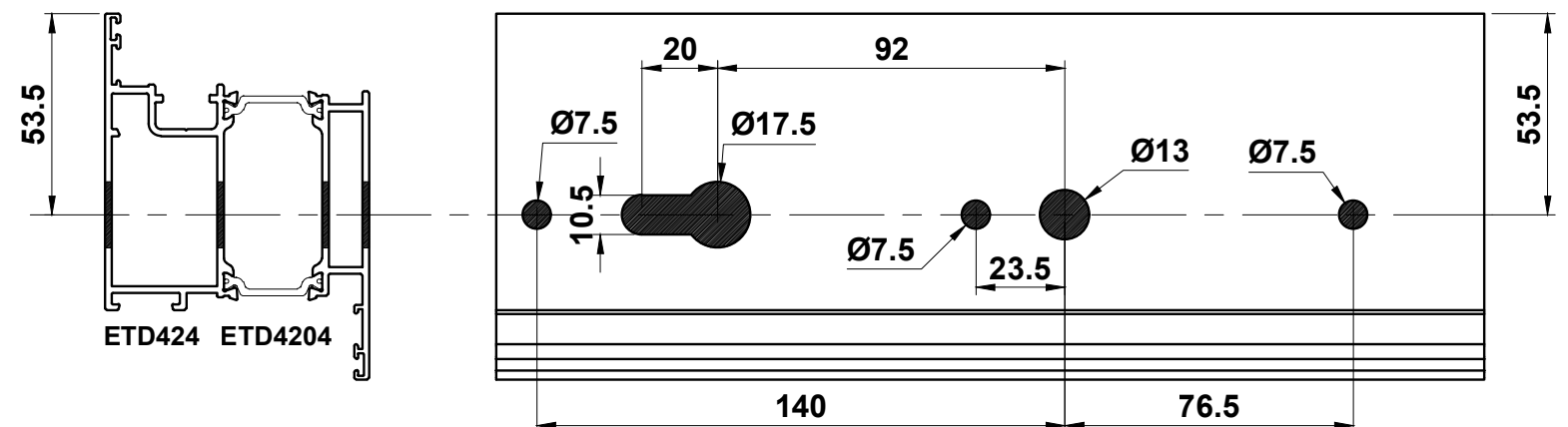
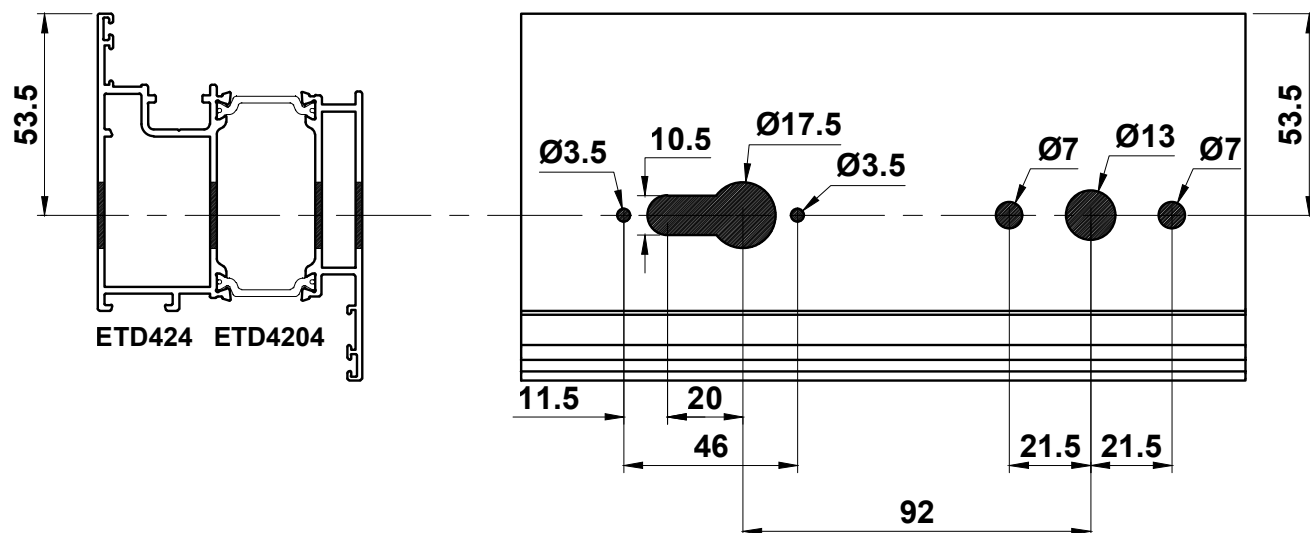
ACSM058 is compatible with all locks.  
Slam locks must not have an external lever handle therefore require WCA134 & ACUN3509 for single side fixing and the spindle will need to be cut down.



**Important Note:** All exposed aluminium should be coated using ACSIL014 or painted to match the frame.

**Please Note:**

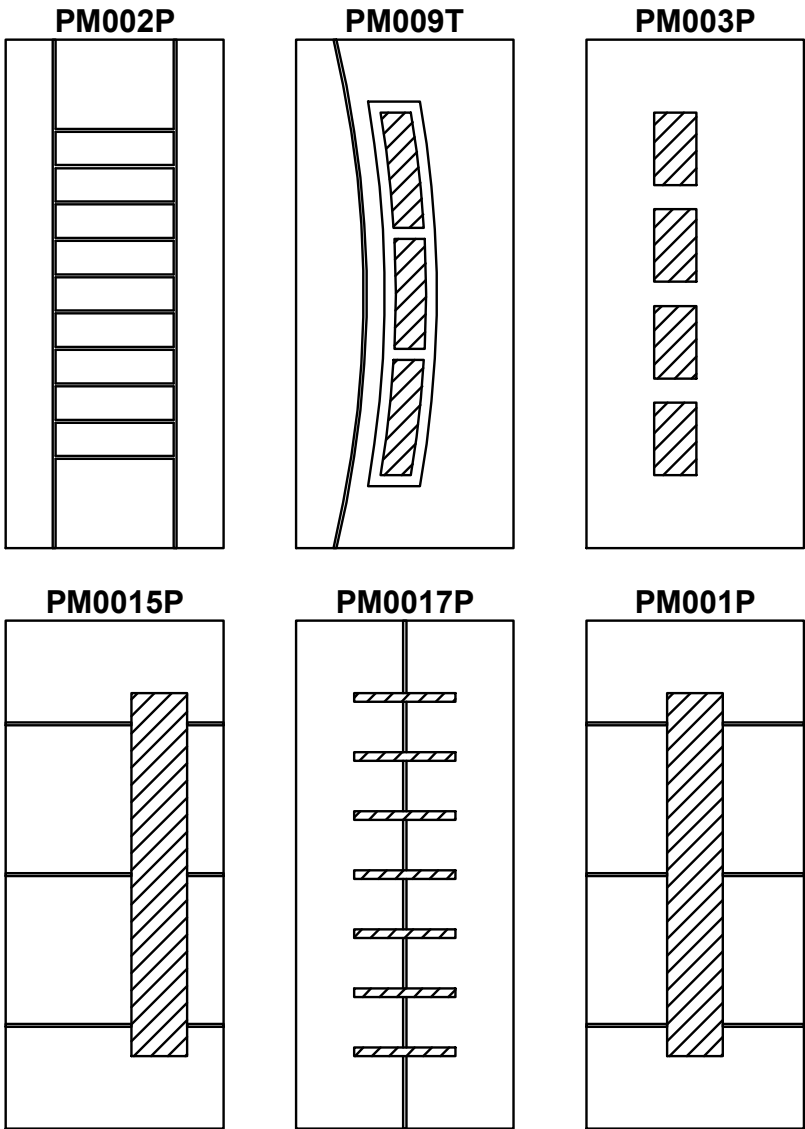
ACSM013SS pack contains;  
2 x Universal Backplate & Lever  
2 x Cover Plate  
2 x Bolt Receiver Sleeve  
2 x 40mm M5 Machine Screws  
2 X 60mm M5 Machine Screws  
1 x 3mm Allen Key  
1 x 170mm Spindle



Do Not Scale From This Drawing

Panel Door Details

We offer a range of designs in panel doors from traditional Victorian, Georgian and Edwardian designs to contemporary chic. Here are just a select few we can offer:



An overall U-value of 1.2 W/m²K may be achieved by specifying glaze-in panels. Below are the centre pane U-values and overall U-values of the examples shown:

40mm Panel Thickness

| Panel Number | CP U-Value (W/m²K) | Door U-Value (W/m²K) |
|--------------|--------------------|----------------------|
| PM002P       | 0.8                | 1.2                  |
| PM009T       | 0.9                | 1.3                  |
| PM003P       | 0.9                | 1.3                  |
| PM0015P      | 0.9                | 1.3                  |
| PM0017P      | 0.9                | 1.3                  |
| PM001P       | 0.9                | 1.3                  |

32mm Panel Thickness

| Panel Number | CP U-Value (W/m²K) | Door U-Value (W/m²K) |
|--------------|--------------------|----------------------|
| PM002P       | 1.0                | 1.4                  |
| PM009T       | 1.1                | 1.4                  |
| PM003P       | 1.1                | 1.4                  |
| PM0015P      | 1.1                | 1.4                  |
| PM0017P      | 1.1                | 1.4                  |
| PM001P       | 1.1                | 1.4                  |

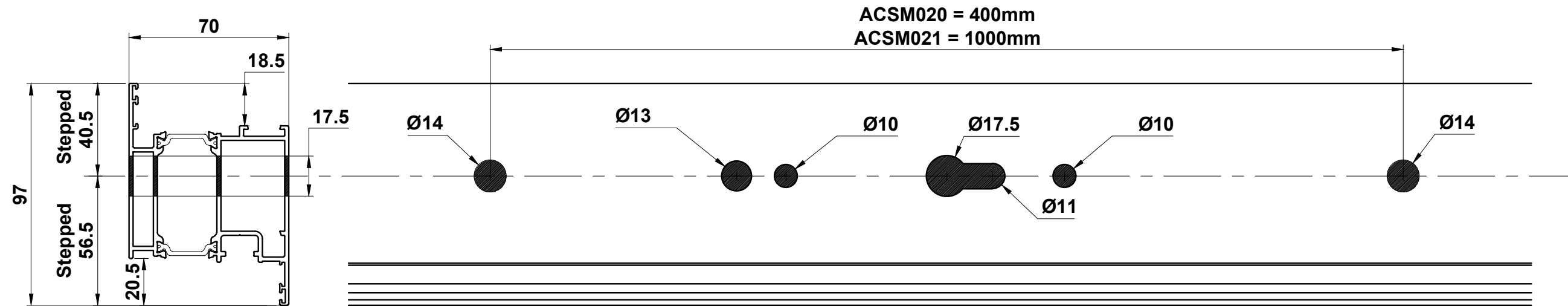
28mm Panel Thickness

| Panel Number | CP U-Value (W/m²K) | Door U-Value (W/m²K) |
|--------------|--------------------|----------------------|
| PM002P       | 1.1                | 1.4                  |
| PM009T       | 1.2                | 1.5                  |
| PM003P       | 1.2                | 1.5                  |
| PM0015P      | 1.2                | 1.5                  |
| PM0017P      | 1.2                | 1.5                  |
| PM001P       | 1.2                | 1.5                  |

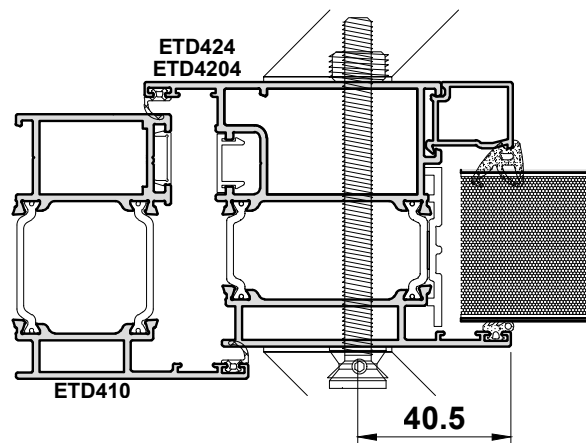
For more information and panel designs please visit our website, [www.smartsystems.co.uk](http://www.smartsystems.co.uk) or call our sales team on 01934 876100.

Do Not Scale From This Drawing

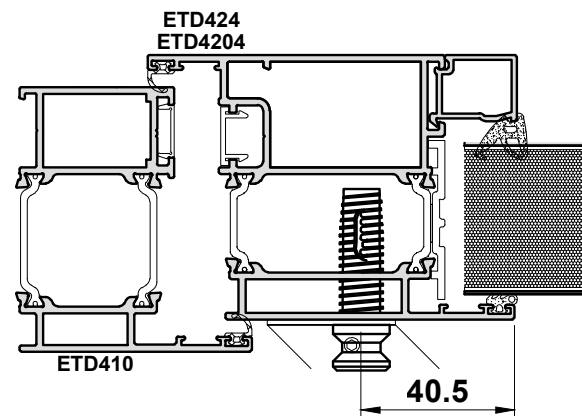
## ACSM020 & ACSM021 Fitting Detail



**Important Note:** All exposed aluminium should be coated using ACSIL014 or painted to match the frame.



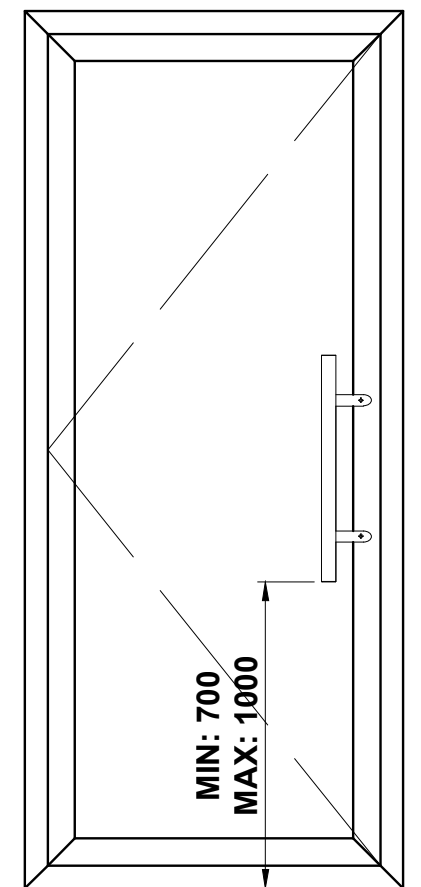
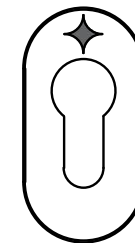
ACSM031 fixing kit is to be used when fixing two back to back handles. Screw will need to be cut down to size.



If a single handle is required, please use ACSM037 or ACSM038 single handle with ACSM030 Secret fixing.

We recommend to use ACSM015 escutcheon and position in-line with the handle fixings as shown in the above prep.

ACSM015



| Length<br>(mm) | Single Handles | Fixing Kits |
|----------------|----------------|-------------|
| 600            | ACSM037SS      | ACSM030     |
| 1200           | ACSM038SS      |             |
|                | Pair Handles   |             |
| 600            | ACSM020SS      | ACSM031     |
| 1200           | ACSM021SS      |             |

Do Not Scale From This Drawing

Door Locking & SZ Hardware Options

Slam Lock Guide

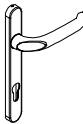
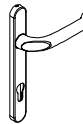
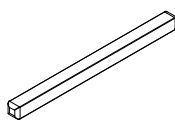
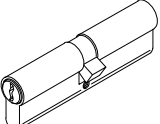
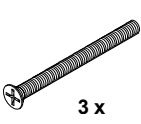
| Overall Sash Height  | Spindle Height (X) | Kit Part Number |            |
|----------------------|--------------------|-----------------|------------|
|                      |                    | Left Hand       | Right Hand |
| 2030-2230 (Standard) | 1050               | ACUL280         | ACUL281    |
| 1820-2029 (Short)    | 1050               | ACUL360         | ACUL361    |
| 2231-2450 (Tall)     | 1050               | ACUL380         | ACUL381    |

Note: Height limits apply to all threshold options.

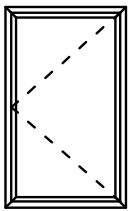
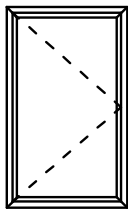
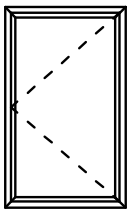
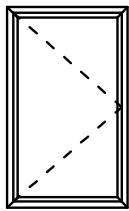
Key Operated Lock Guide

| Overall Sash Height  | Spindle Height (X) | Kit Part Number |            |
|----------------------|--------------------|-----------------|------------|
|                      |                    | Left Hand       | Right Hand |
| 2030-2230 (Standard) | 1050               | ACUL282         | ACUL283    |
| 1820-2029 (Short)    | 1050               | ACUL362         | ACUL363    |
| 2231-2450 (Tall)     | 1050               | ACUL382         | ACUL383    |

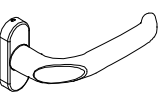
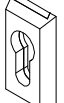
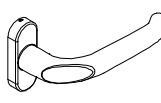
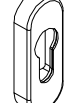
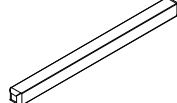
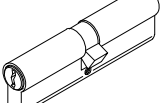
Handle With Large Backplate Guide

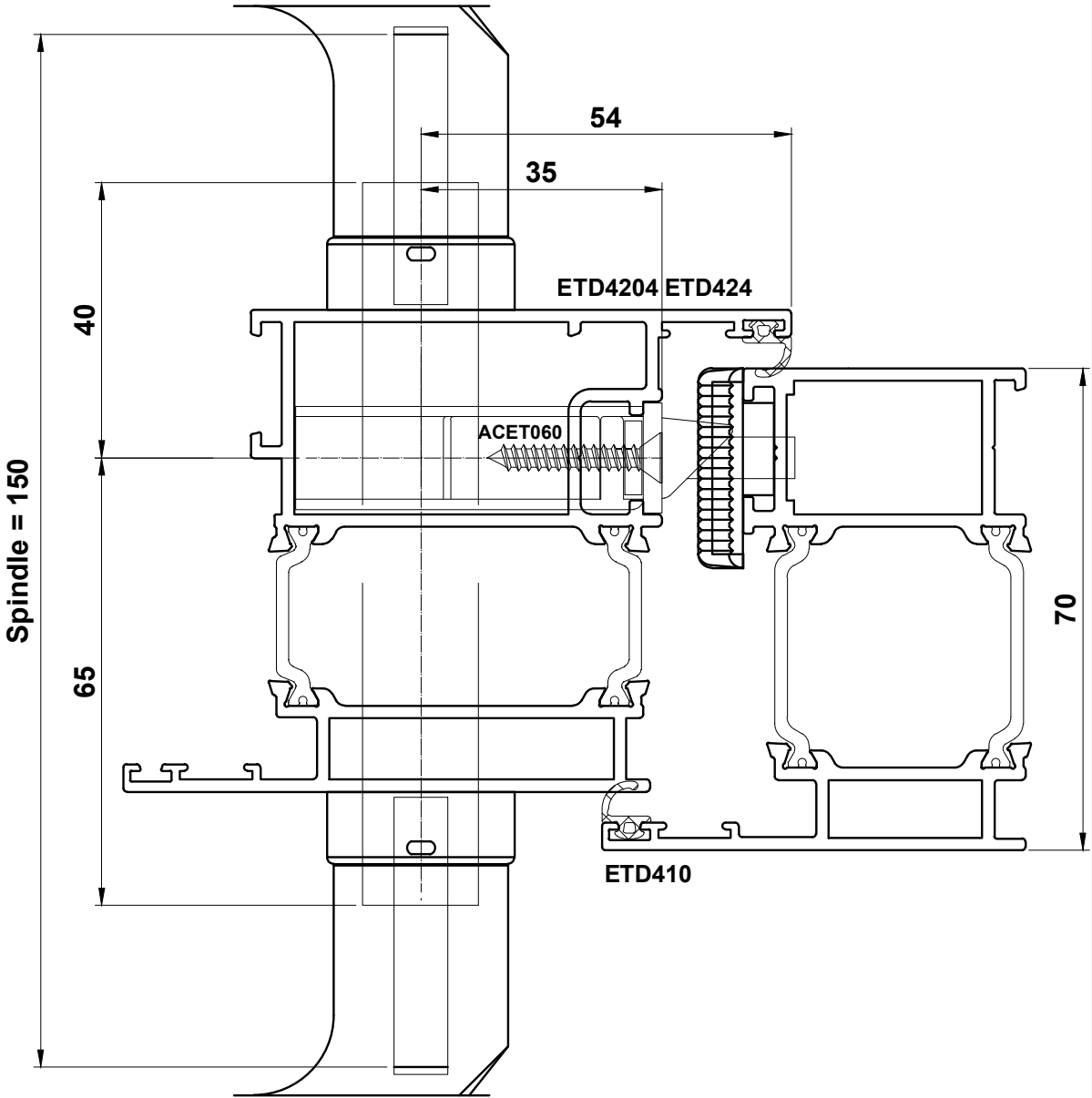
| Ext. Handle                                                                                 | Int. Handle                                                                                 | Spindle                                                                            | Cylinder                                                                           | Screw                                                                                   |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|           |           |  |  |  3 x |
| ACSZ800  | ACSZ801  | ACMX409Sq.<br>Spindle 150mm                                                        | ACCY0035<br>Half Cylinder                                                          | ACMX861<br>M5 x 75mm                                                                    |
|                                                                                             | ACSZ803  |                                                                                    |                                                                                    |                                                                                         |
|                                                                                             | ACSZ830  |                                                                                    | ACCY6035S3<br>35/60 Cylinder                                                       |                                                                                         |
| ACSZ802  | ACSZ803  | ACMX008<br>Sq. Spindle 60mm                                                        | ACCY6035S3<br>35/60 Cylinder                                                       | ACVS061<br>M5 x 40mm                                                                    |
| ACSZ400 +<br>2 x ACVS061                                                                    | ACSZ830  |                                                                                    |                                                                                    |                                                                                         |

Keep Handing Guide

| Viewed Externally<br>OPEN IN                                                         |                                                                                      | Viewed Internally<br>OPEN IN                                                         |                                                                                      |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |  |
| Right Hand Lock Set<br>Outside                                                       | Left Hand Lock Set<br>Outside                                                        | Left Hand Lock Set<br>Outside                                                        | Right Hand Lock Set<br>Outside                                                       |

Handle with Small Backplate Guide

| Ext. Handle                                                                                 | Ext. Escutcheon                                                                     | Int. Handle                                                                                 | Int. Escutcheon                                                                     | Spindle                                                                              | Cylinder                                                                              | Screw                                                                                 | Rivnuts                                                                               |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|          |  |          |  |  |  |  |  |
| ACSZ837  | ACSZ400                                                                             | ACSZ836  | ACSZ839                                                                             | ACMX409Sq.<br>Spindle 150mm                                                          | ACCY6035S3<br>ACCY0035                                                                | WCA134<br>M5 x 20mm                                                                   | ACUN3509<br>M5                                                                        |
|                                                                                             | ACSZ400                                                                             |                                                                                             |                                                                                     | ACMX008<br>Sq. Spindle 60mm                                                          | ACCY6035S3<br>ACCY0035                                                                | WCA134<br>M5 x 20mm                                                                   | ACUN3509<br>M5                                                                        |
| ACSZ837  | ACSZ400                                                                             | ACSZ827  |                                                                                     | ACMX409Sq.<br>Spindle 150mm                                                          | ACCY6035S3<br>ACCY0035                                                                | WCA134<br>M5 x 20mm                                                                   | ACUN3509<br>M5                                                                        |

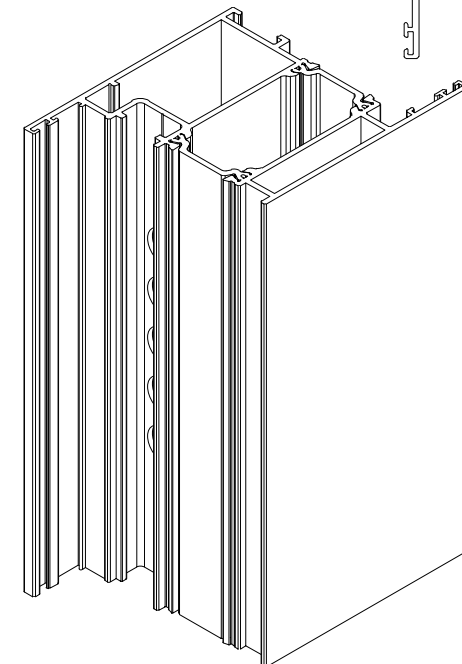
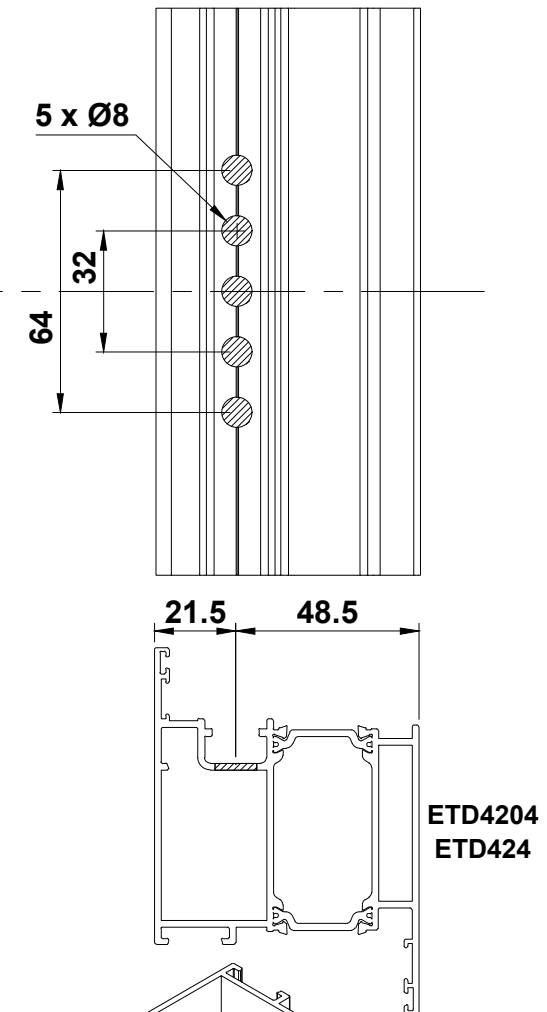
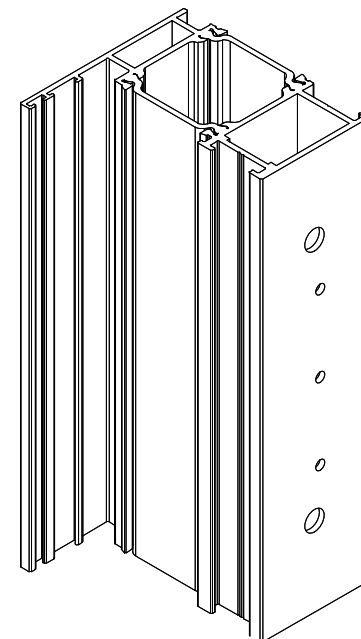
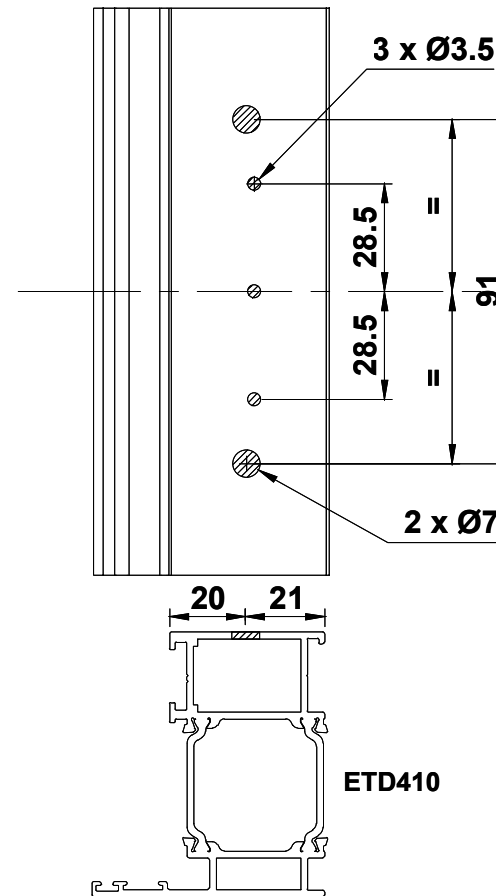
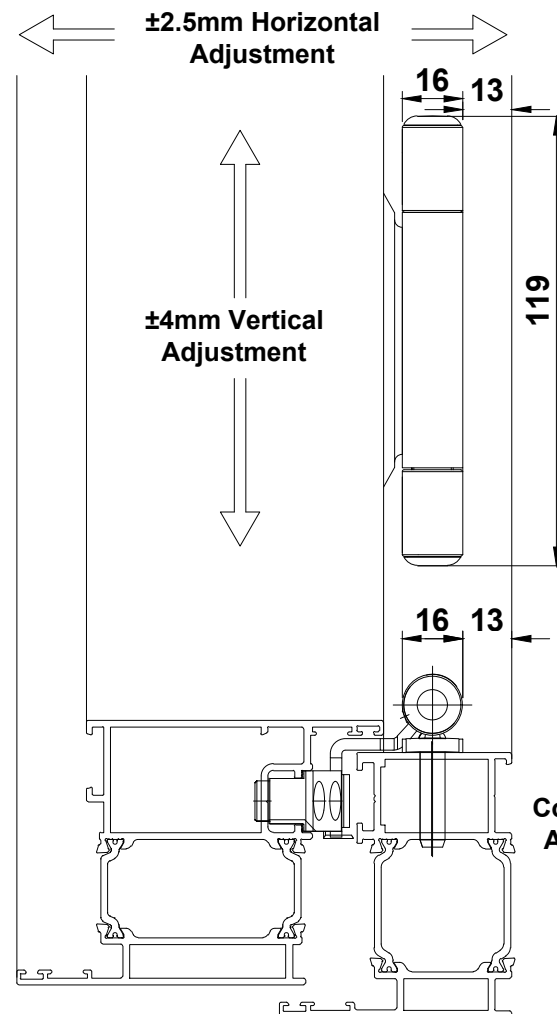
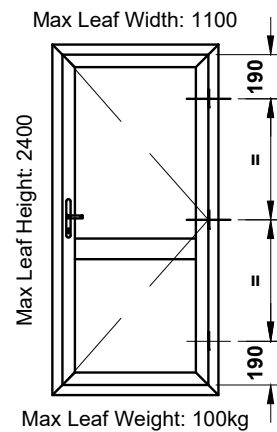


-  With Cylinder
-  Without Cylinder
-  T Handle With Cylinder
-  T Handle Without Cylinder

Note:  
Please check kitemark for all  
suitable hardware to achieve PAS24.

Do Not Scale From This Drawing

## ACUL250 Hinge Preparation



### Fitting Instructions:

(Full instructions are supplied with each ACUL250 Hinge)

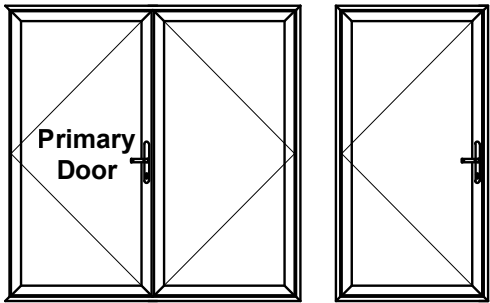
1. Align outer frame and sash in correct position
2. Clamp drill jig ACUL950 over the centre line of the hinge
3. Drill through all bushes marked '1' with a Ø7.2mm drill bit (supplied) and through all bushes marked '2' with a Ø3.5mm drill bit (not supplied)
4. Fasten the sash plate using ACIM062
5. Fasten the frame plate using ACUN3512 screws ensuring the grub screws are positioned towards the door sash
6. Drive in the central barrel until it lines up with the rings on the frame plate
7. Drive in pin 'B' to the top of the hinge and then drive in pin 'A' to the bottom of the hinge
8. Open the door and lightly tighten the security screws
9. Adjust hinge as required then insert caps and cover caps.

Do Not Scale From This Drawing



Lock Overview of Single and Double Doors

Finger Bolt Locking Options

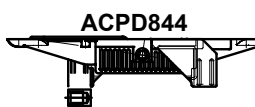


Single & Primary Door Lock Selection

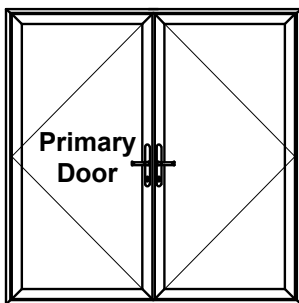
| Overall Sash Height  | Lift Lever |         | Slam Lock |         | Key Wind |         |
|----------------------|------------|---------|-----------|---------|----------|---------|
|                      | Left       | Right   | Left      | Right   | Left     | Right   |
| 2030-2230 (Standard) | ACUL272    | ACUL273 | ACUL280   | ACUL281 | ACUL282  | ACUL283 |
| 1820-2029 (Short)    | ACUL377    | ACUL378 | ACUL360   | ACUL361 | ACUL362  | ACUL363 |
| 2231-2450* (Tall)    | ACUL374    | ACUL375 | ACUL380   | ACUL381 | ACUL382  | ACUL383 |

\*Any doors above 2450mm are above the tested limit.

Secondary Door Accessory Selection

| 35mm Backset<br>Shootbolt Adaptor                                                   | Bottom<br>10mm Dia Rod | Top 10mm Dia Rod                                 |                     | Keep                    | Shootbolt<br>Guide      |
|-------------------------------------------------------------------------------------|------------------------|--------------------------------------------------|---------------------|-------------------------|-------------------------|
|                                                                                     |                        | Overall FRAME<br>Size                            | Rod Part No.        |                         |                         |
|  | ACPD846<br>(1000mm)    | 1820 - 1923                                      | ACPD846<br>(1000mm) | ACUL390<br>(2 Required) | ACUL242<br>(2 Required) |
|                                                                                     |                        | 1923 - 2173                                      | ACPD847<br>(1250mm) |                         |                         |
|                                                                                     |                        | 2174 - 2423*                                     | ACPD848<br>(1500mm) |                         |                         |
|                                                                                     |                        | *For doors above 2423mm,<br>use ACPD849 (2000mm) |                     |                         |                         |

Lift Lever Locking Options

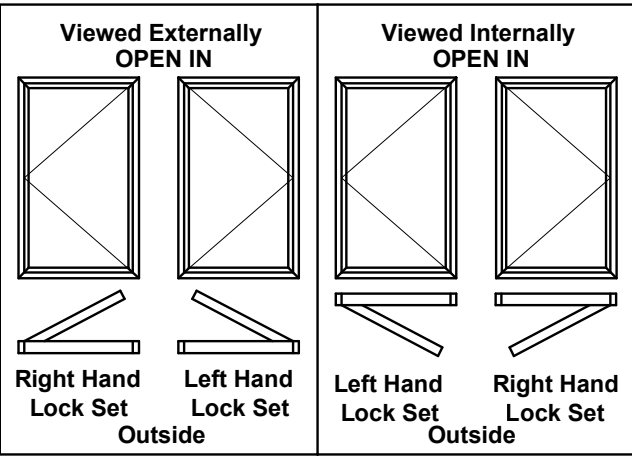


Double Handle Lift Lever Lock Option

| Overall Sash Height | Primary Door Lift Lever |         | Secondary Door Lift Lever | Double Door Keep | Shootbolts         | Shootbolt Extensions |
|---------------------|-------------------------|---------|---------------------------|------------------|--------------------|----------------------|
|                     | Left                    | Right   |                           |                  |                    |                      |
| 1885-2450*          | ACUL277                 | ACUL278 | ACUL276                   | ACUL279          | ACDV737<br>ACDV738 | ACDV742<br>ACDV744   |

\*Any doors above 2450mm are above the tested limit.  
\*\*Please see page E24 for shootbolt layout.

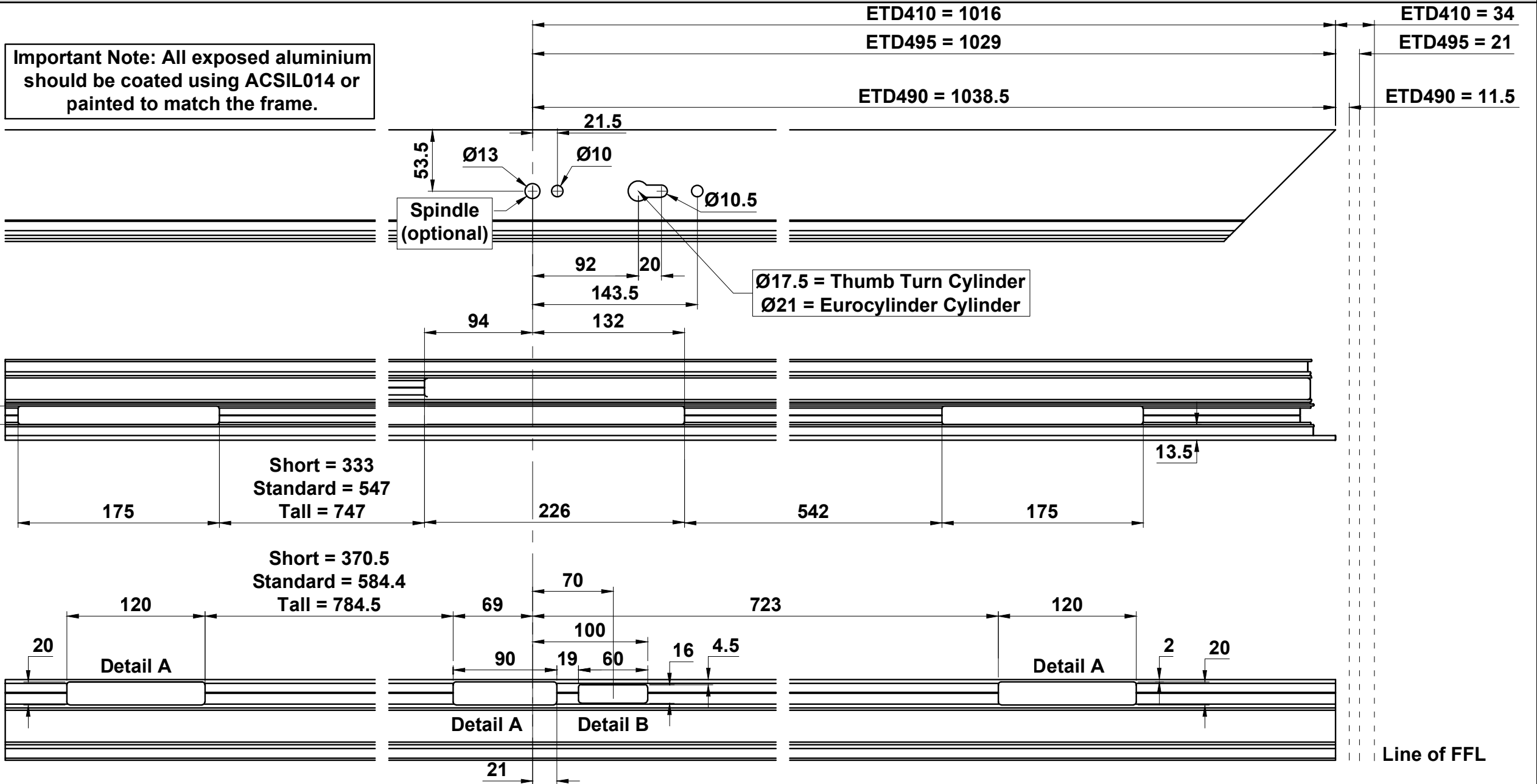
Keep Handing Guide



For ACUL267 & 268 Cam Lock Option Refer To Page E37

Do Not Scale From This Drawing

Single Door Lock Preparation



Lock Kits

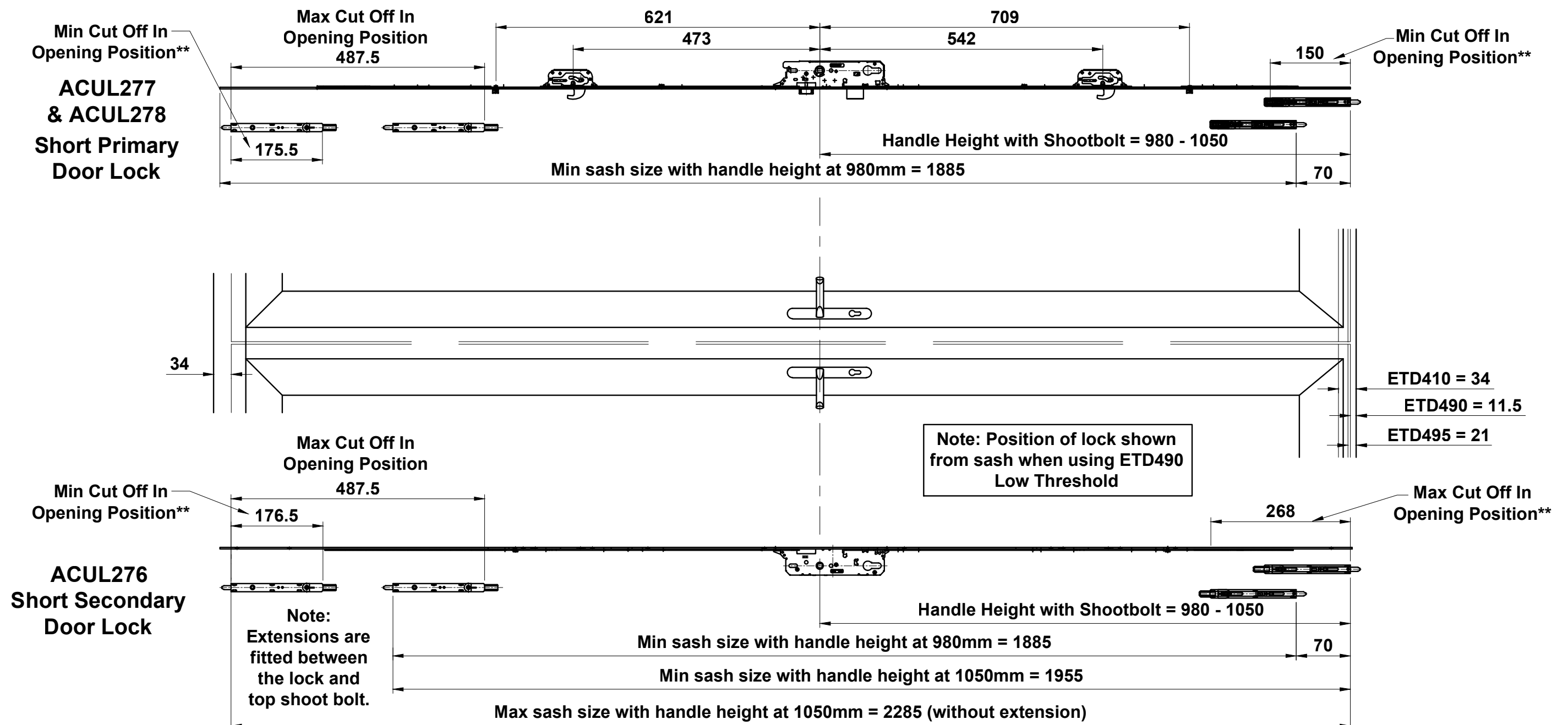
|          | Slam Lock |            | Key Wind  |            | Lift Lever |            |
|----------|-----------|------------|-----------|------------|------------|------------|
| Height   | Left Hand | Right Hand | Left Hand | Right Hand | Left Hand  | Right Hand |
| Short    | ACUL360   | ACUL361    | ACUL362   | ACUL363    | ACUL377    | ACUL378    |
| Standard | ACUL280   | ACUL281    | ACUL282   | ACUL283    | ACUL272    | ACUL273    |
| Tall     | ACUL380   | ACUL381    | ACUL382   | ACUL383    | ACUL374    | ACUL375    |

Do Not Scale From This Drawing



## Double Door Lift Lever Shootbolt Layout

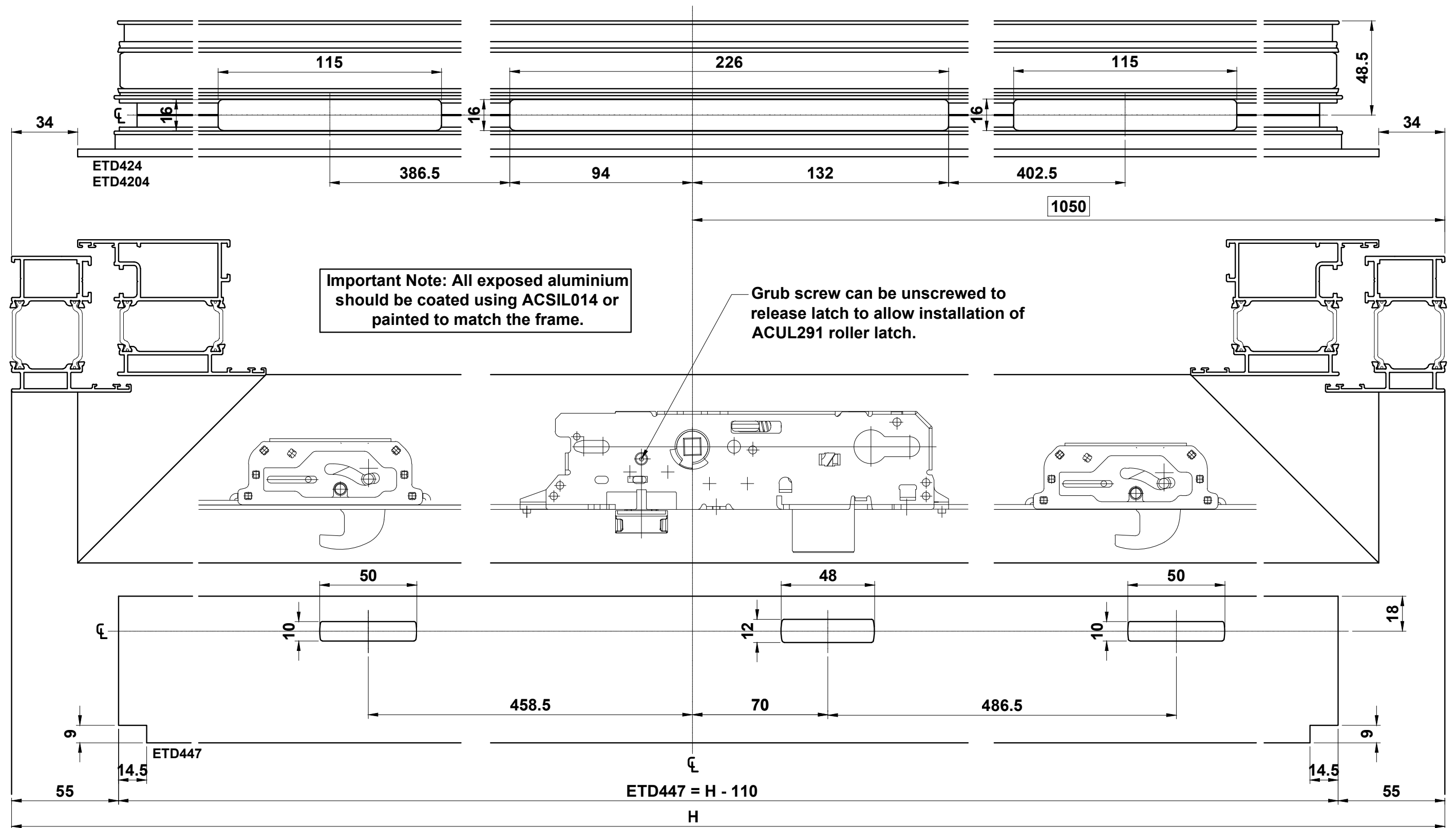
Note: ACDV742 & ACDV744 extensions may be used with all locks



\*Maximum sash height is 2500mm. Sizes shown here only indicate sizes with ACDV744.

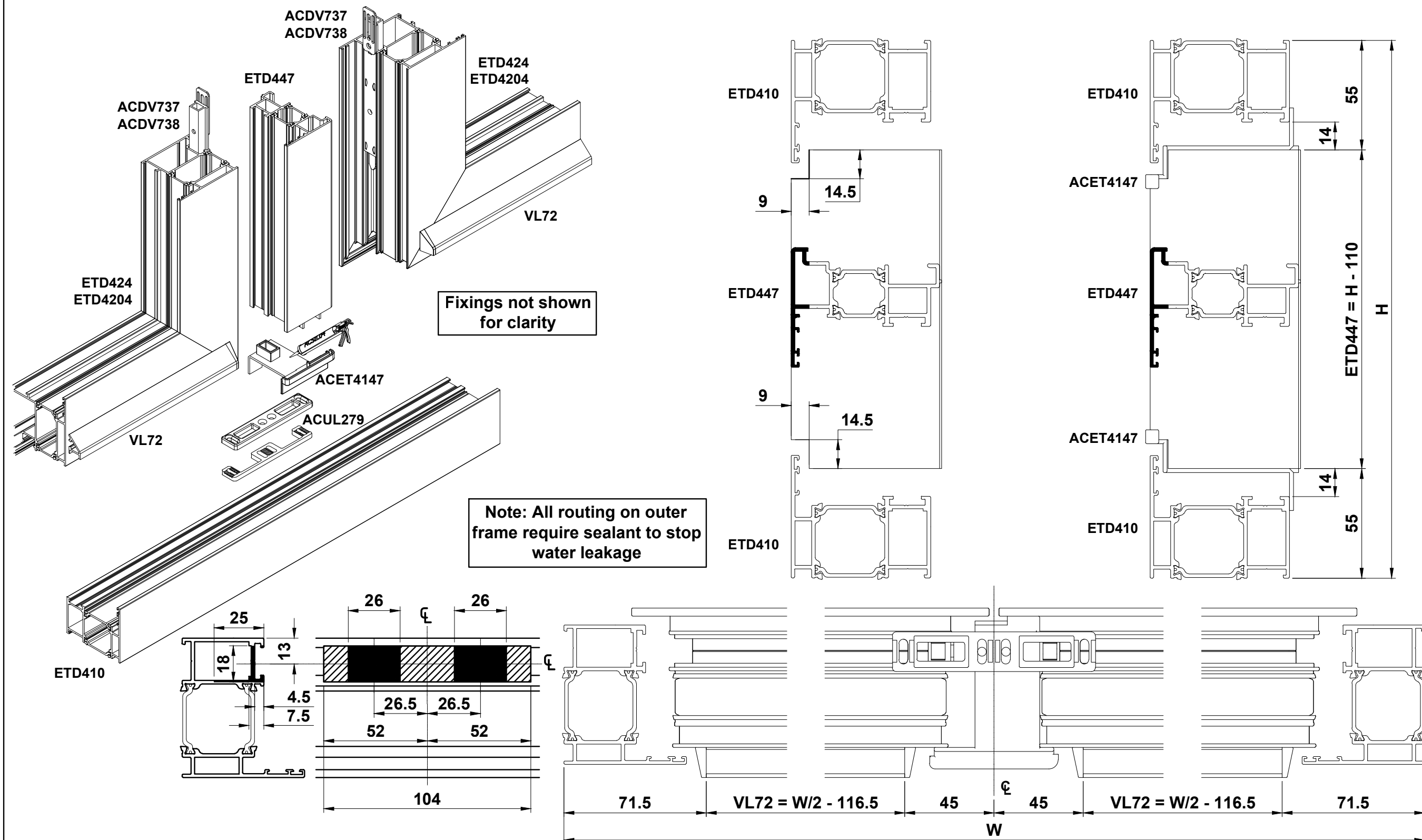
Do Not Scale From This Drawing

## Double Door Lift Lever Lock Preparation for Full Frame



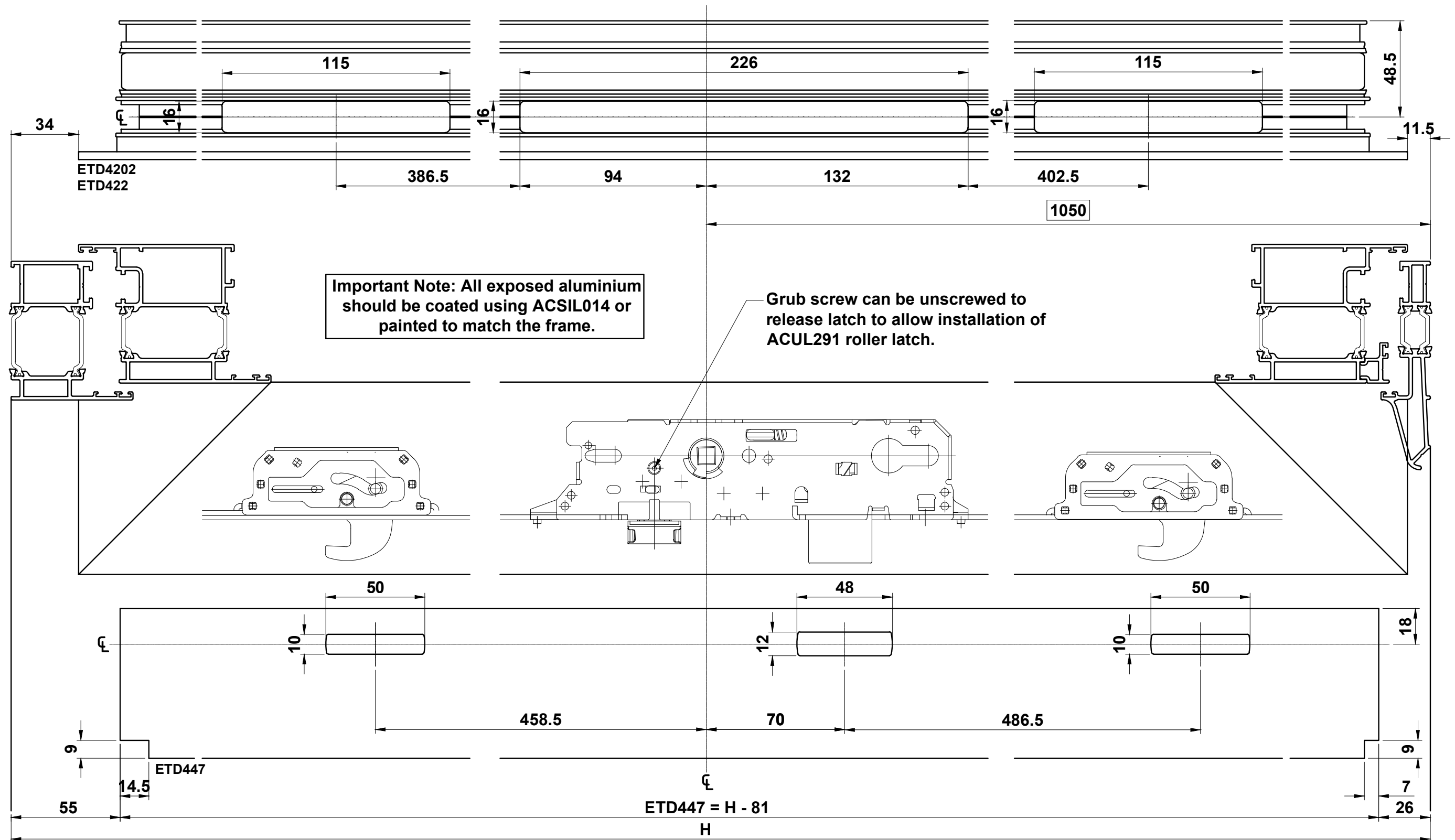
**Do Not Scale From This Drawing**

## Double Door Lift Lever Meeting Stile Assembly for Full Frame

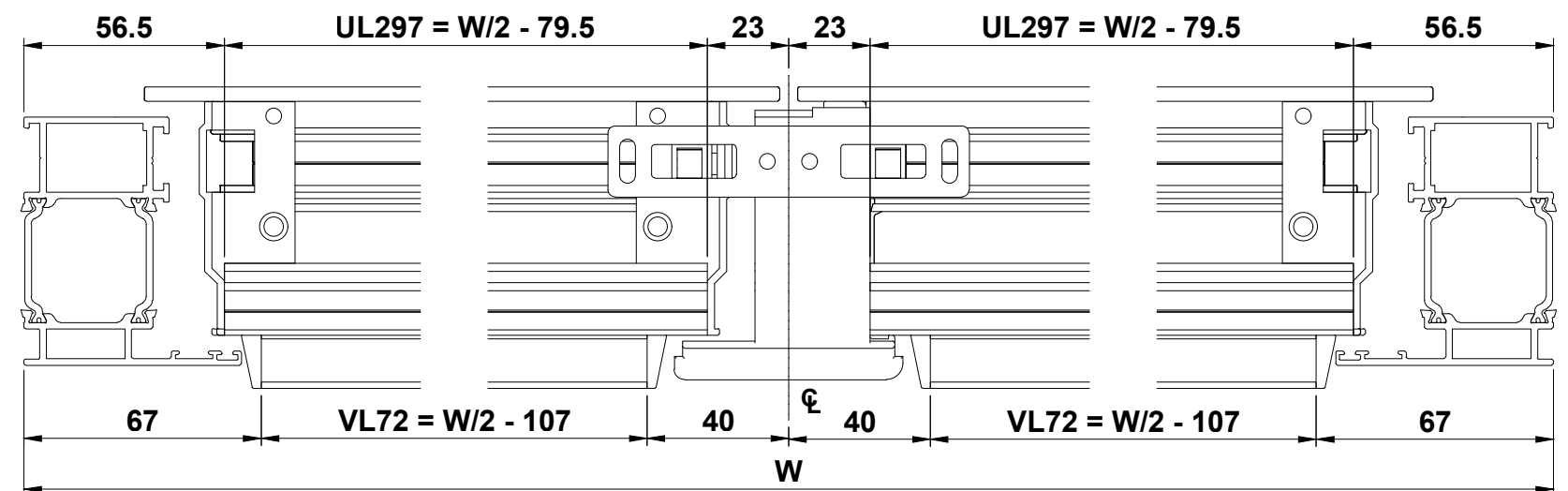
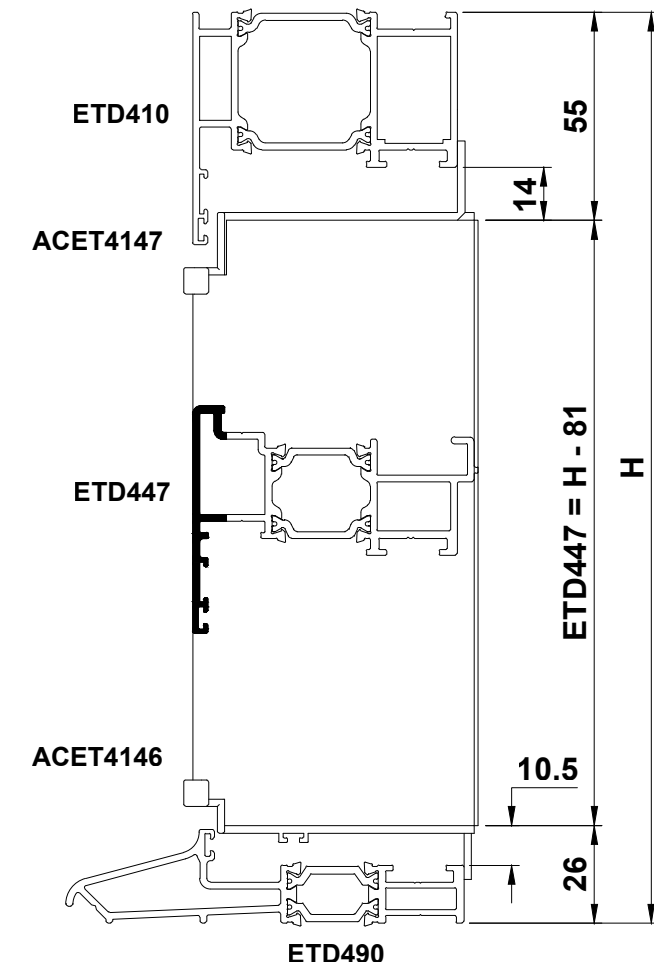
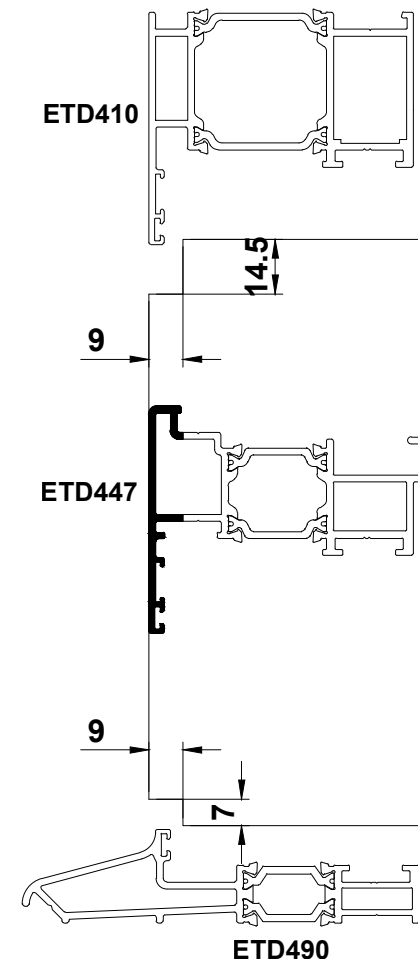
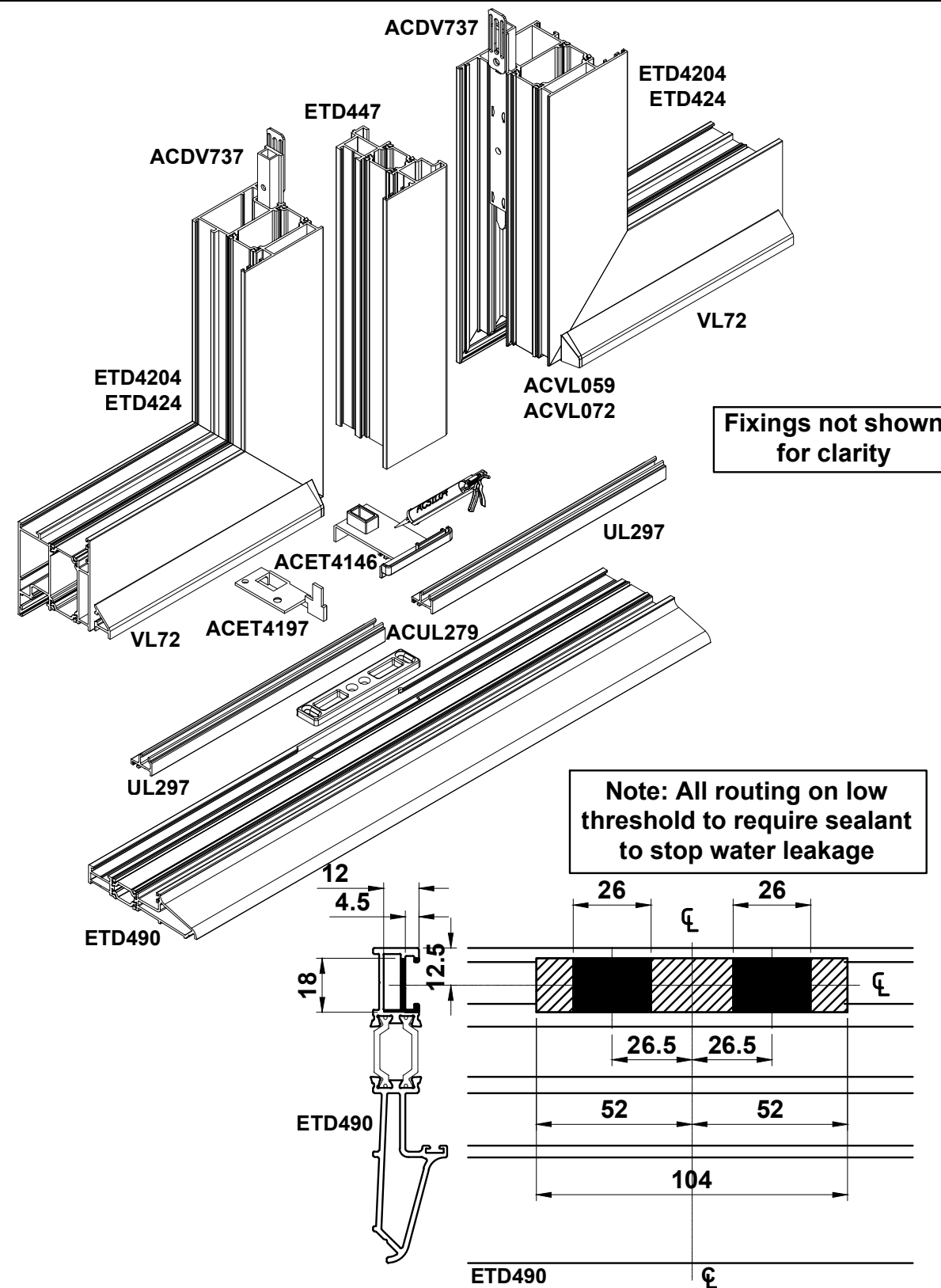


**Do Not Scale From This Drawing**

Double Door Lift Lever Lock Preparation for Low Rebate Threshold

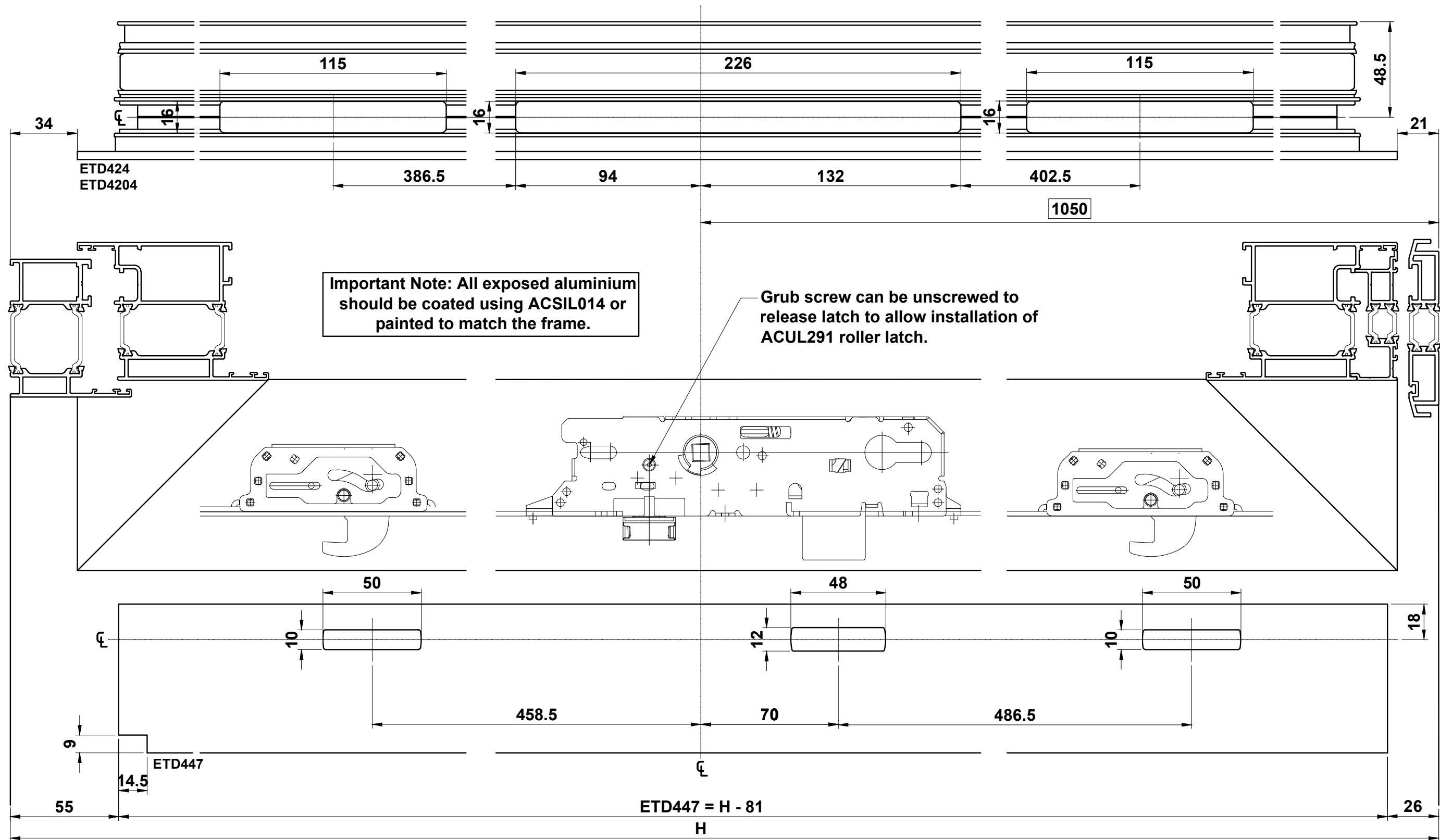


## Double Door Lift Lever Meeting Stile Assembly for Low Rebate Threshold



Do Not Scale From This Drawing

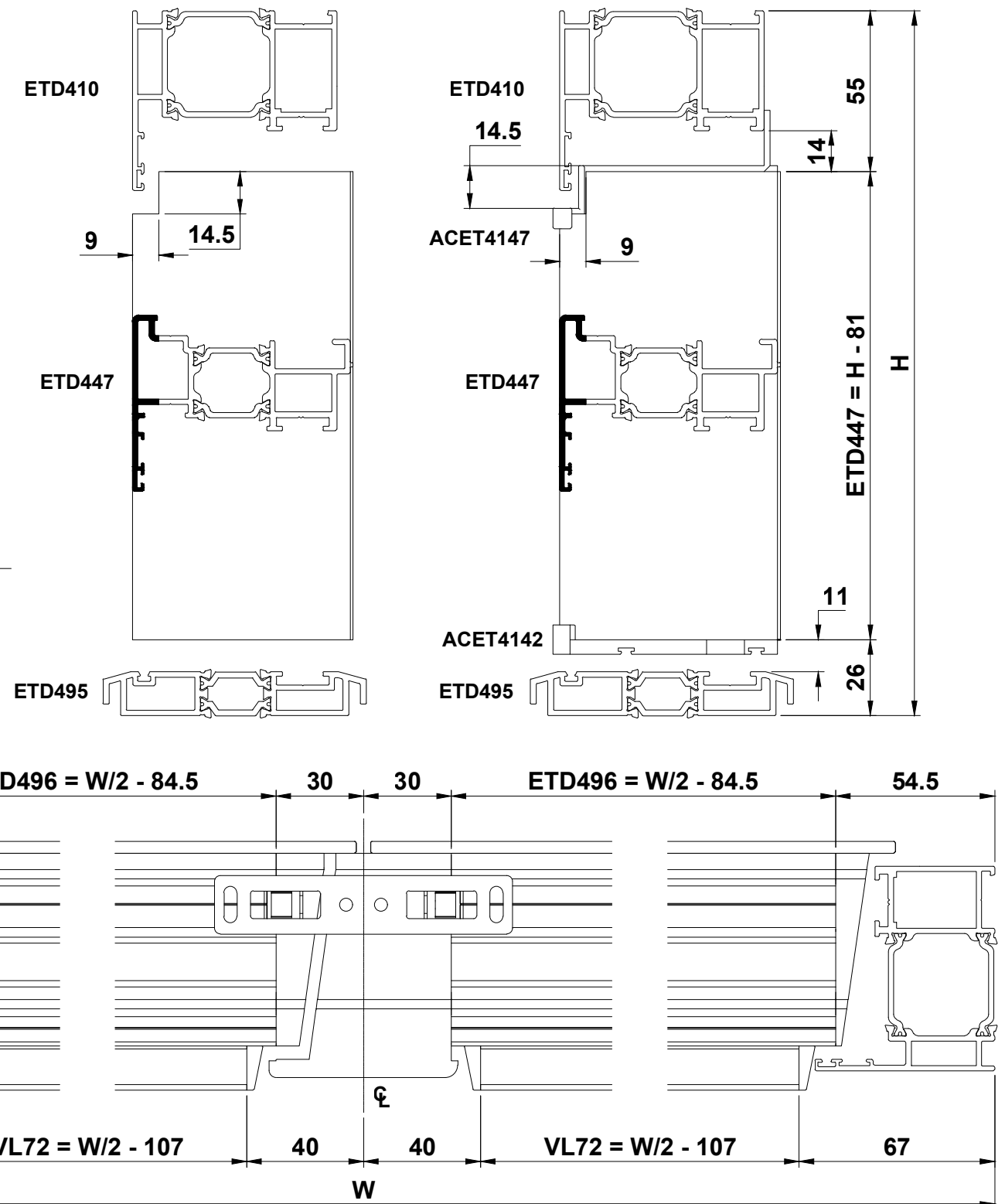
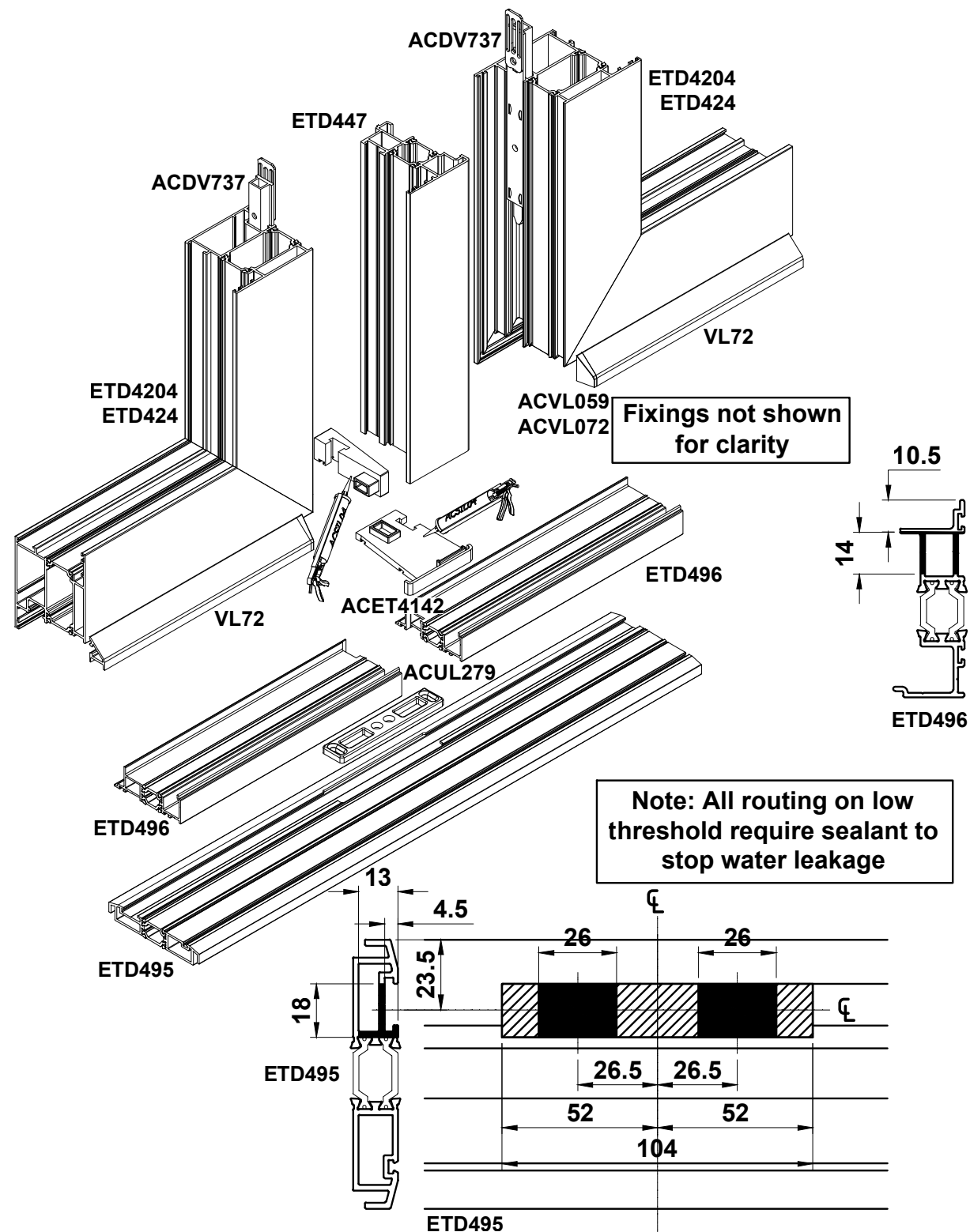
Double Door Lift Lever Lock Preparation for Low Ramp Threshold



Do Not Scale From This Drawing



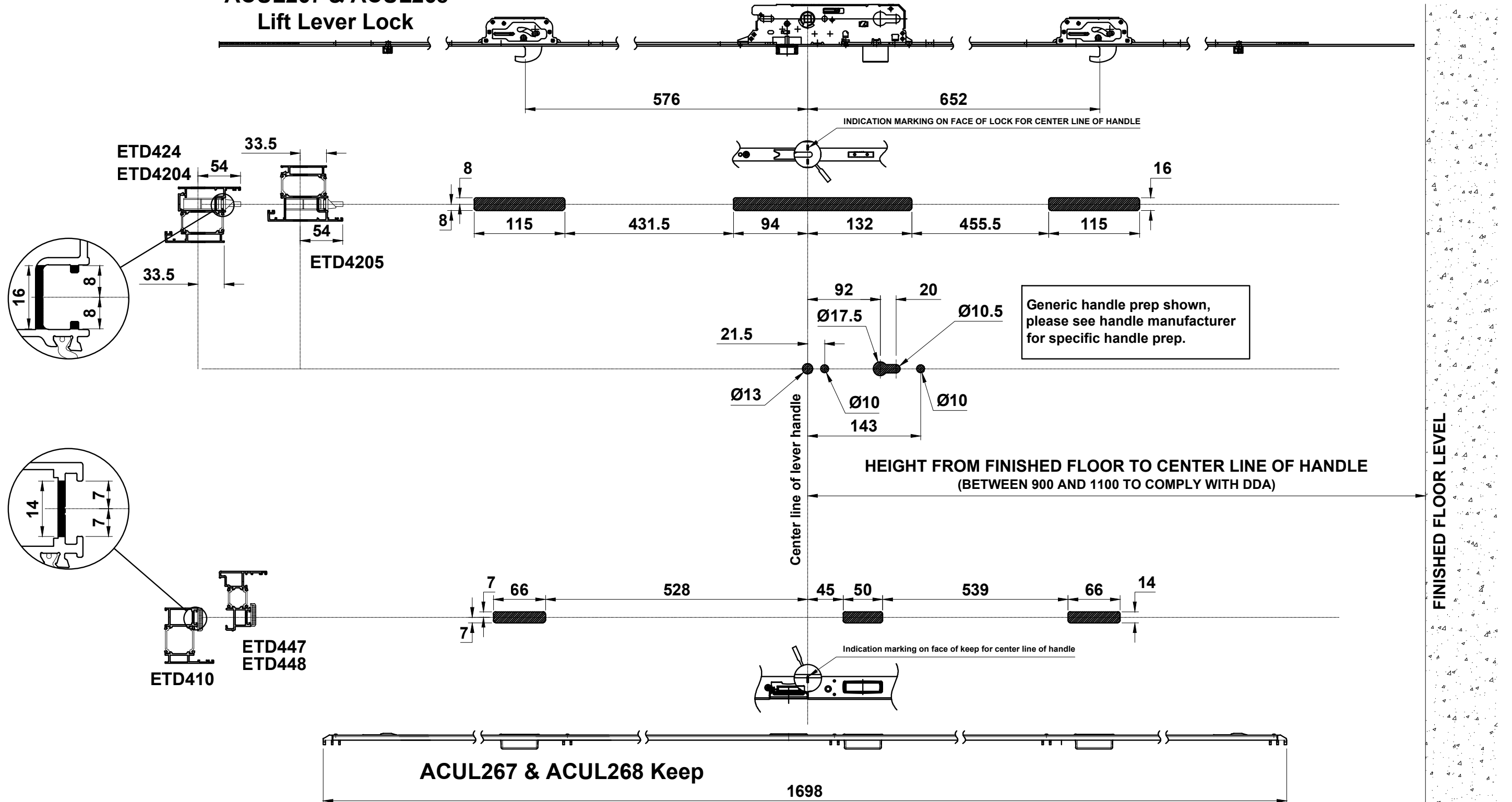
## Double Door Lift Lever Meeting Stile Assembly for Low Ramp Threshold



**Do Not Scale From This Drawing**

## ACUL267 & ACUL268 Lift Lever Lock Preparation

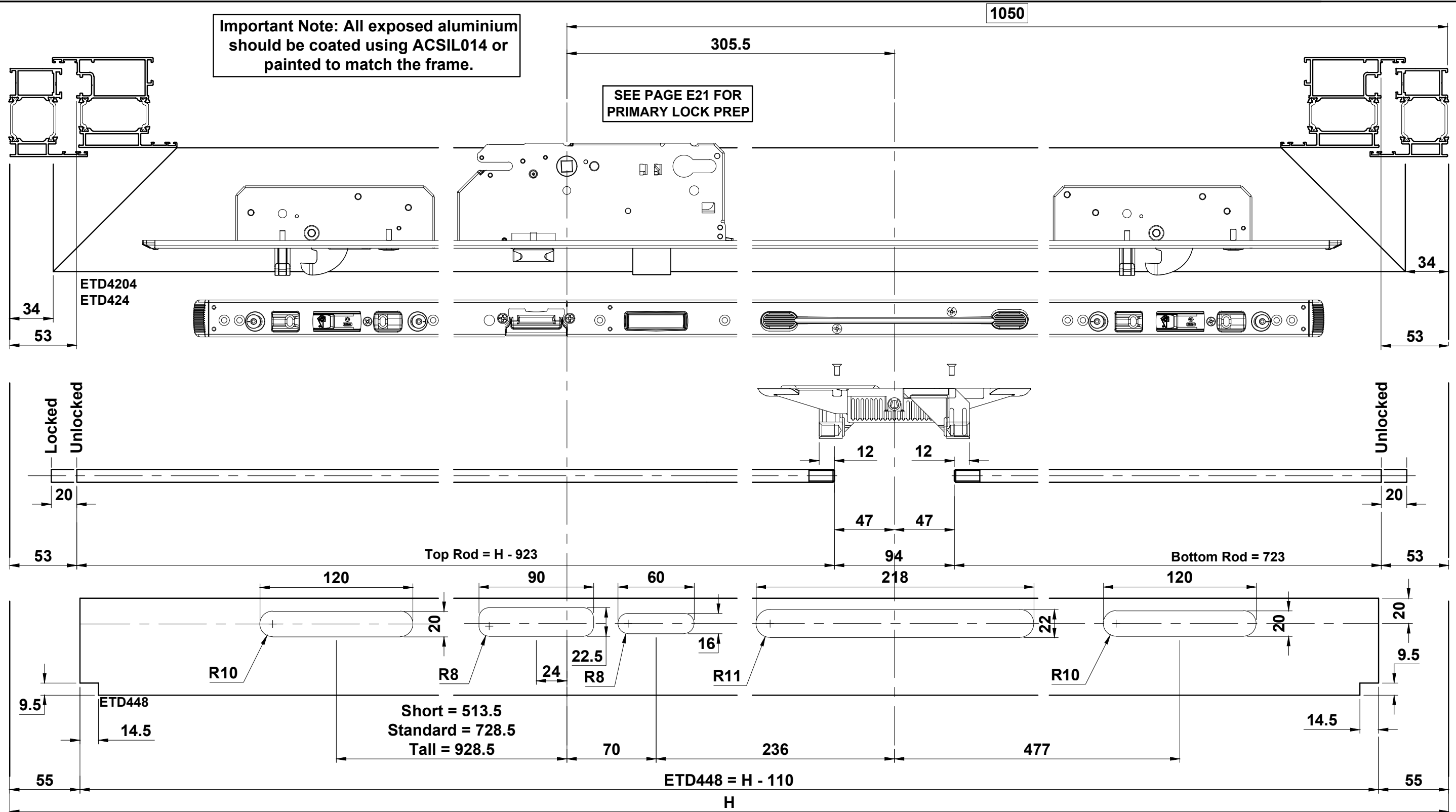
### ACUL267 & ACUL268 Lift Lever Lock



Do Not Scale From This Drawing

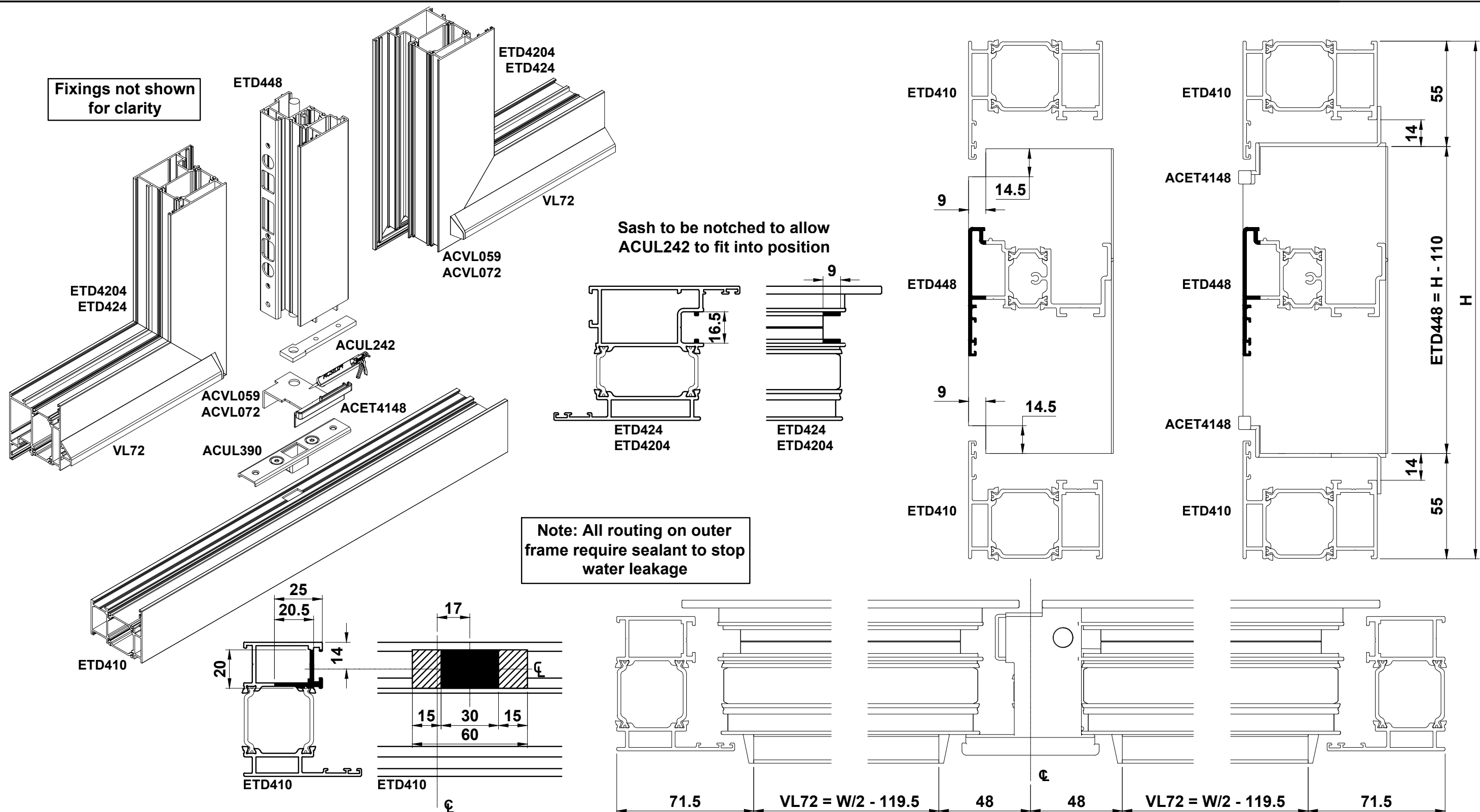


## Double Door Finger Bolt Lock Preparation for Full Frame



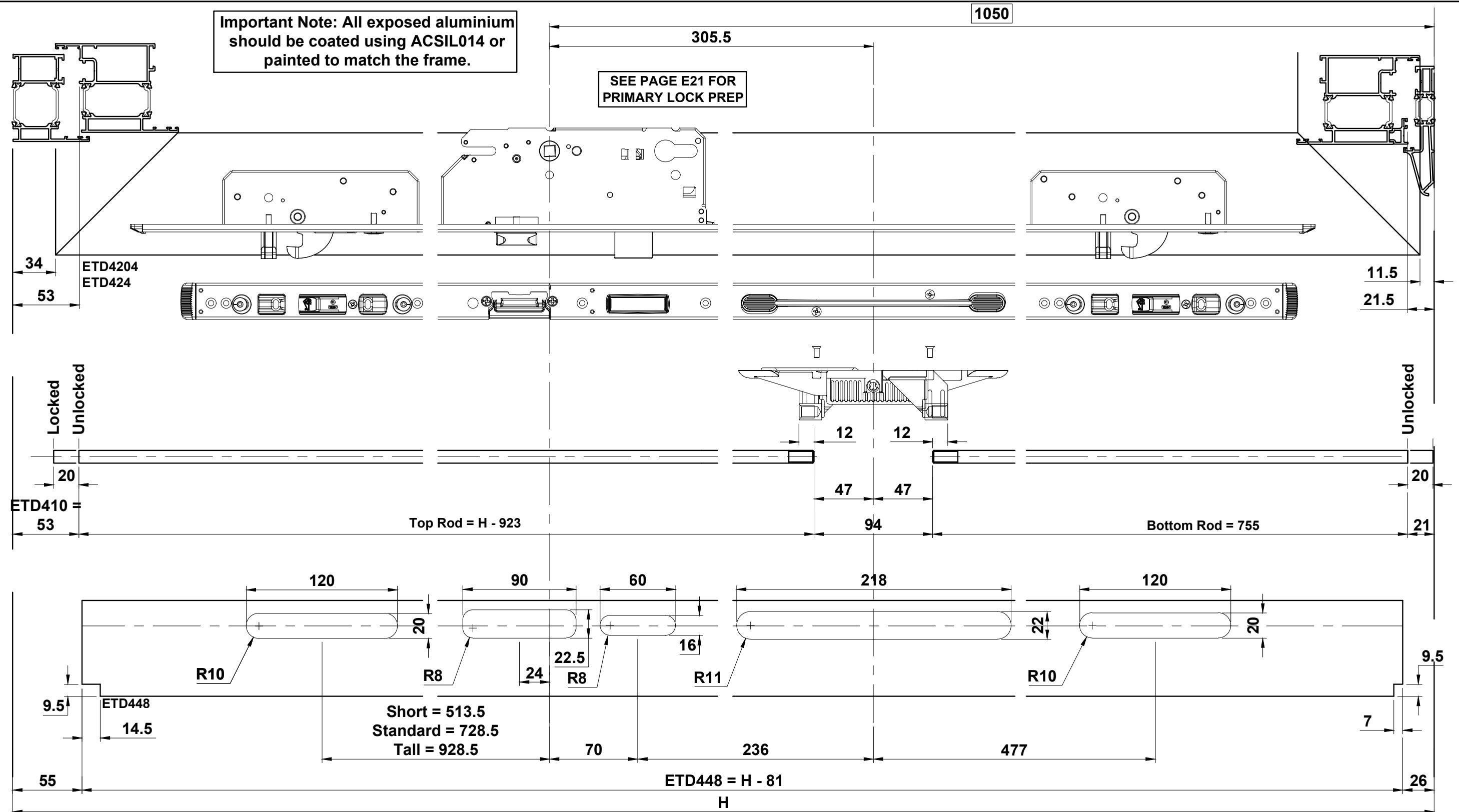
## Do Not Scale From This Drawing

## Double Door Finger Bolt Meeting Stile Assembly for Full Frame



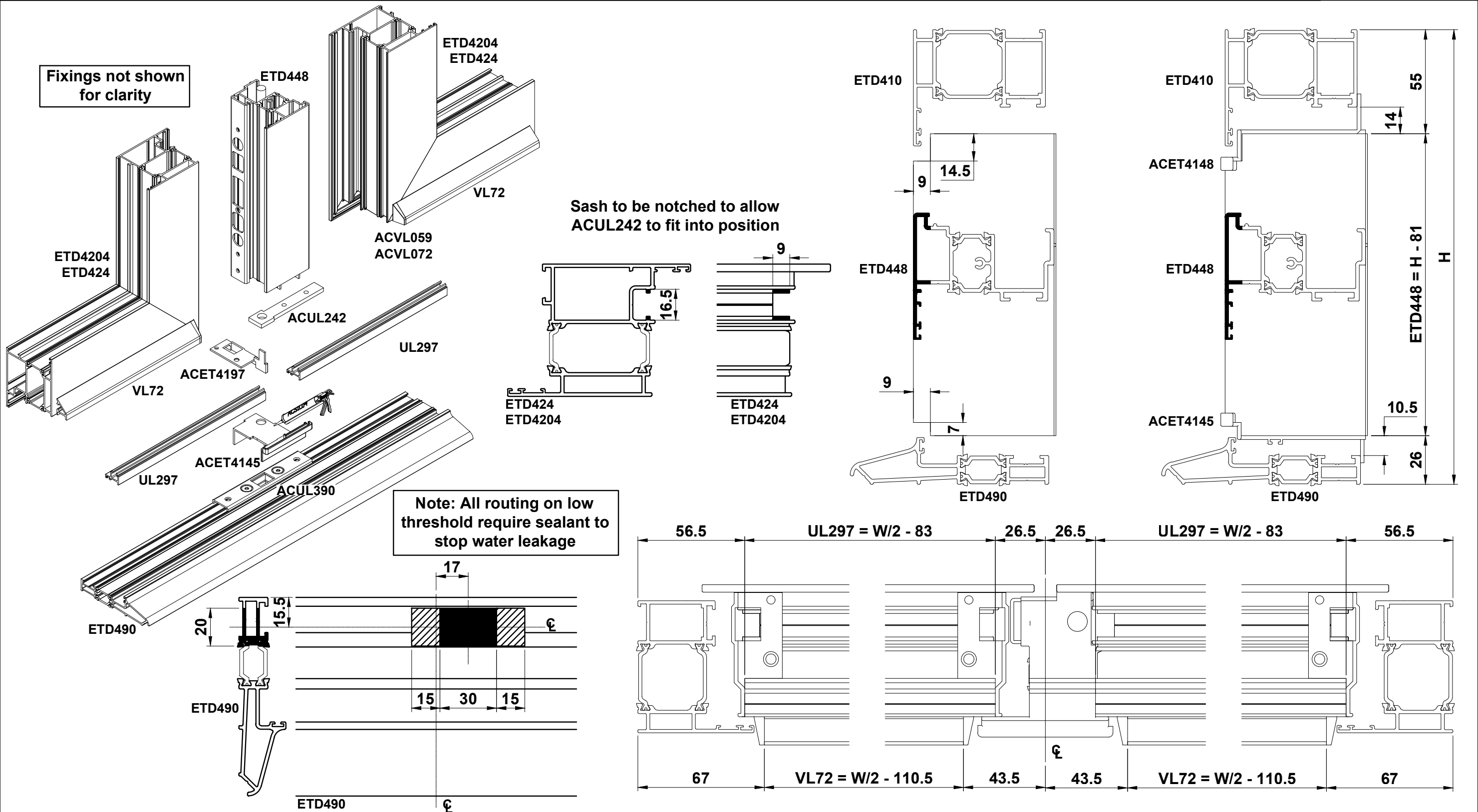
**Do Not Scale From This Drawing**

## Double Door Finger Bolt Lock Preparation for Low Rebate Threshold



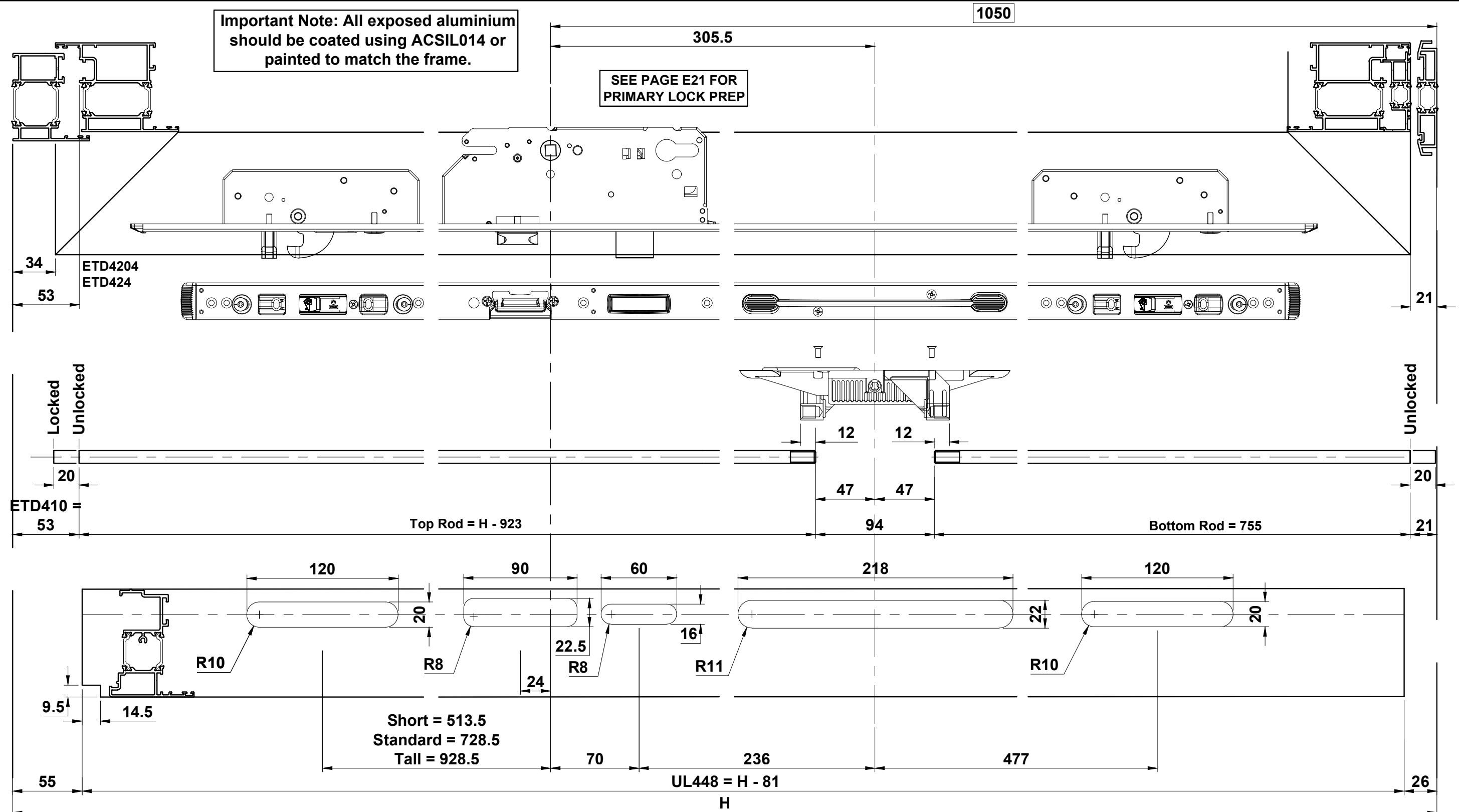
Do Not Scale From This Drawing

Double Door Finger Bolt Meeting Stile Assembly for Low Rebate Threshold



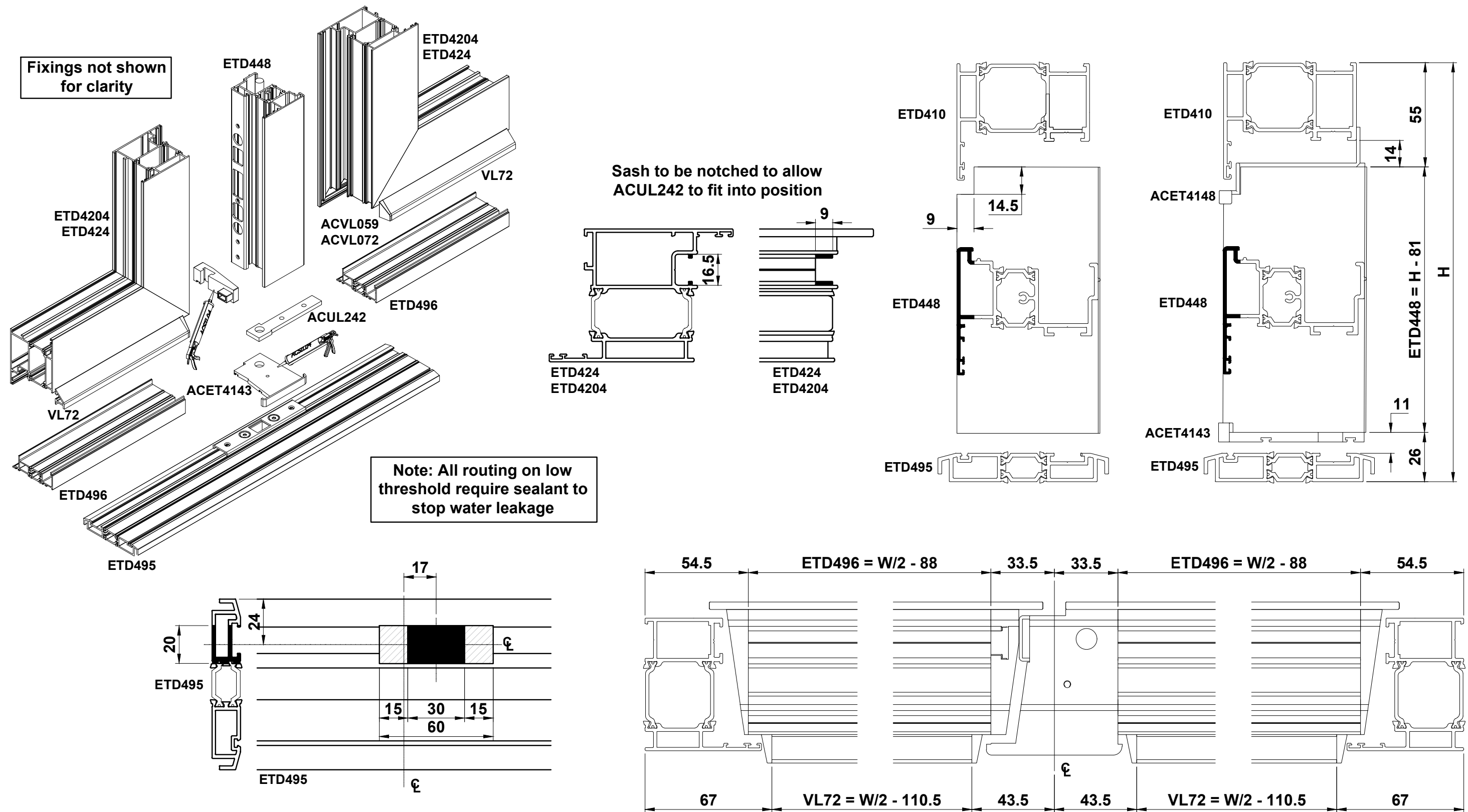
Do Not Scale From This Drawing

## Double Door Finger Bolt Lock Preparation for Low Ramp Threshold



Do Not Scale From This Drawing

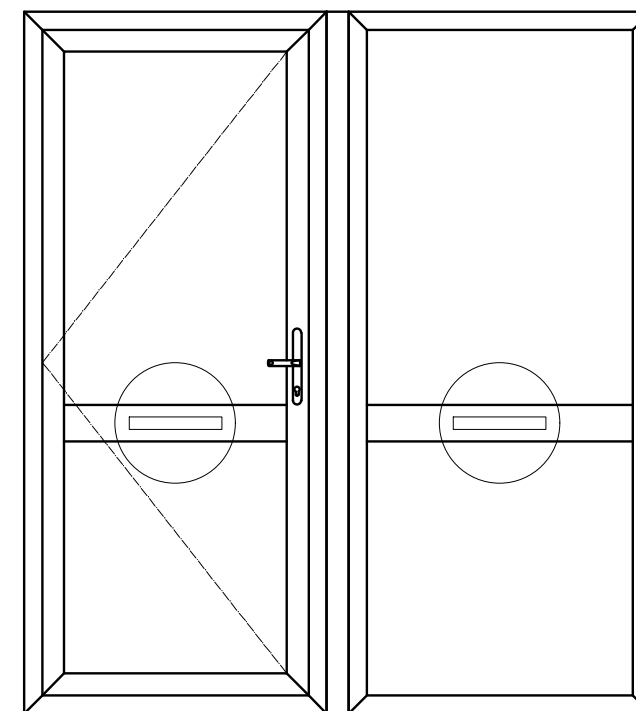
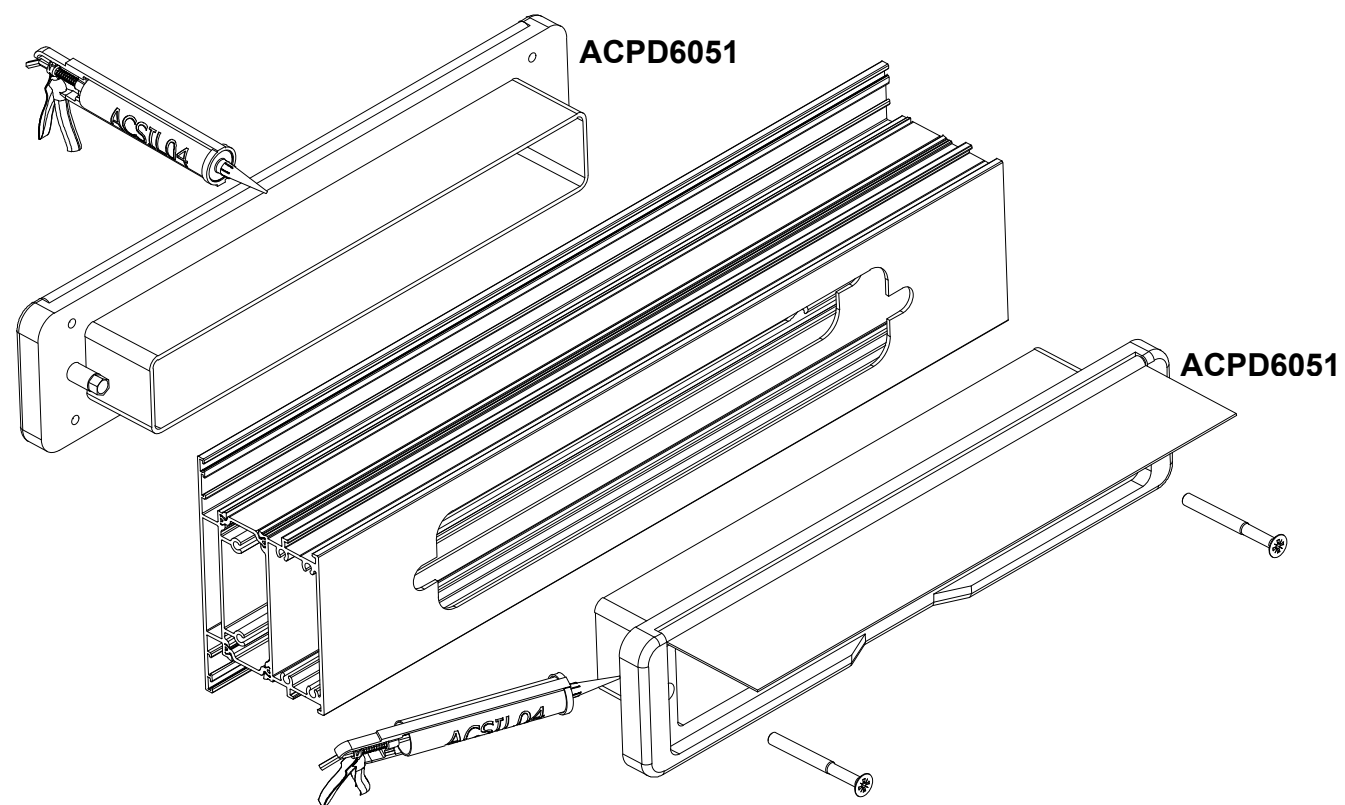
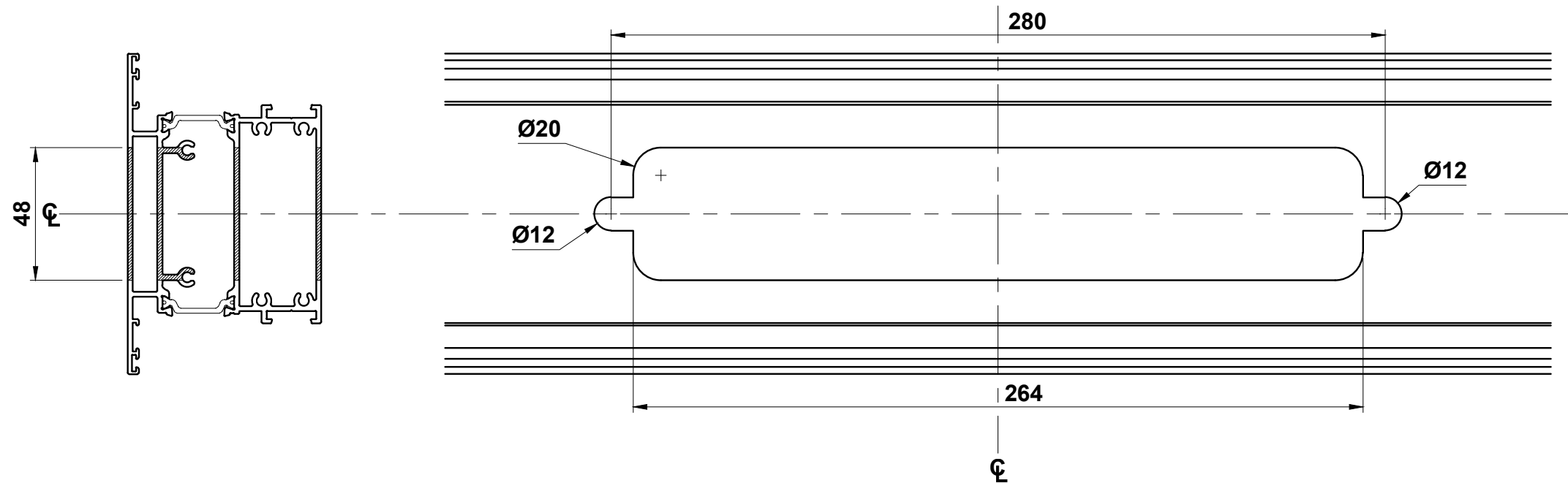
## Double Door Finger Bolt Meeting Stile Assembly for Low Ramp Threshold



**Do Not Scale From This Drawing**



Letter Plate Fitting

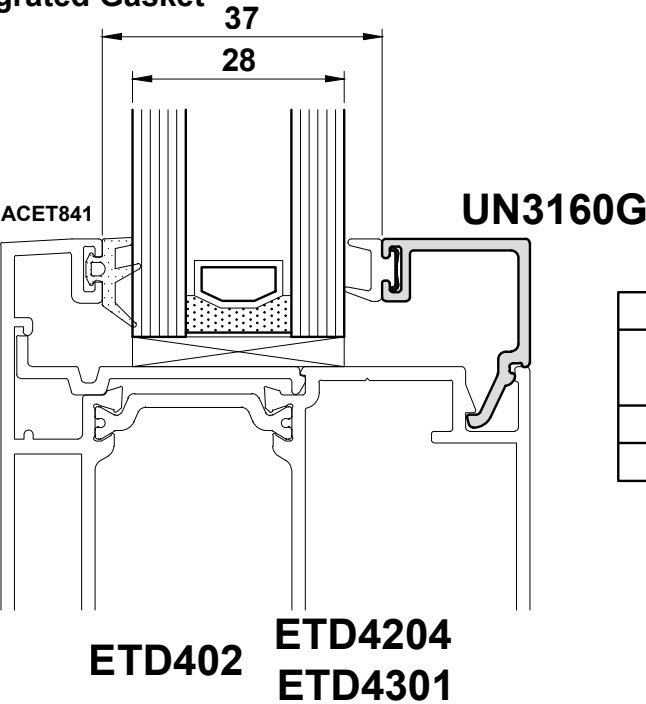


Do Not Scale From This Drawing

Glazing Chart

28mm Glazing

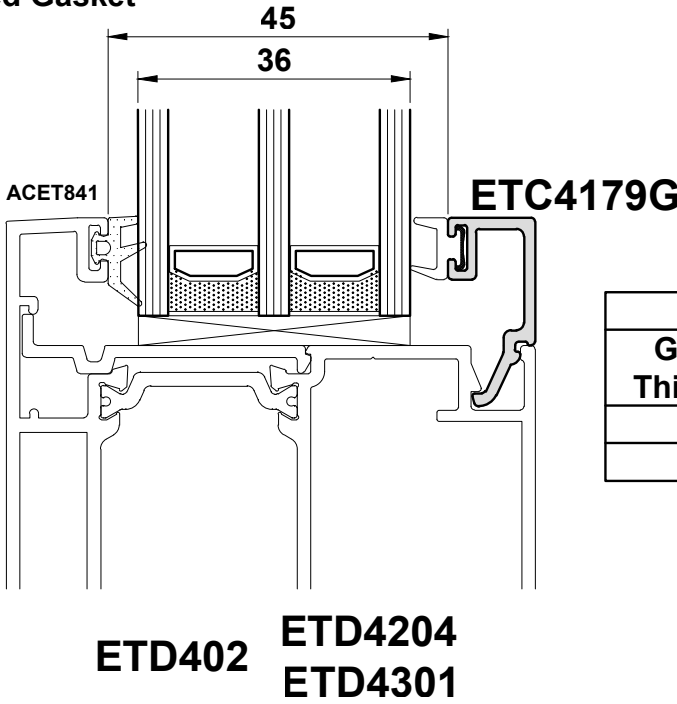
Integrated Gasket



| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 28                  | ACET841         | -               |
| 29 (28.8)           | ACET842         | -               |

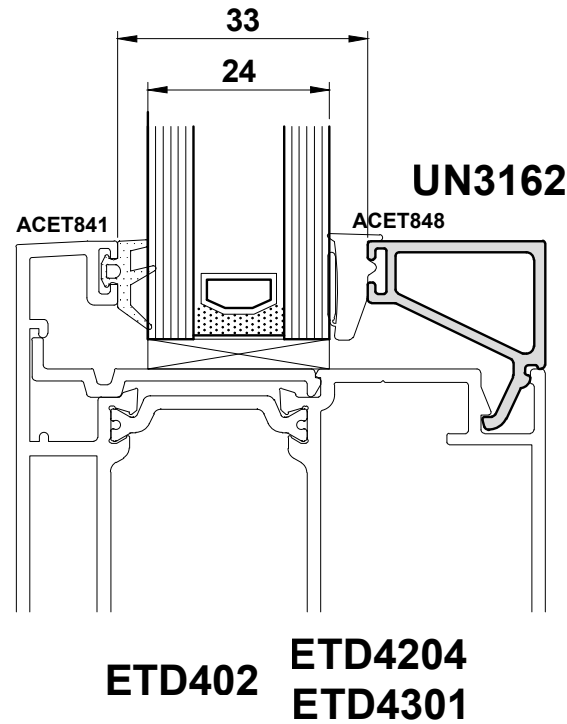
36mm Glazing

Integrated Gasket



| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 36                  | ACET841         | -               |
| 37                  | ACET842         | -               |

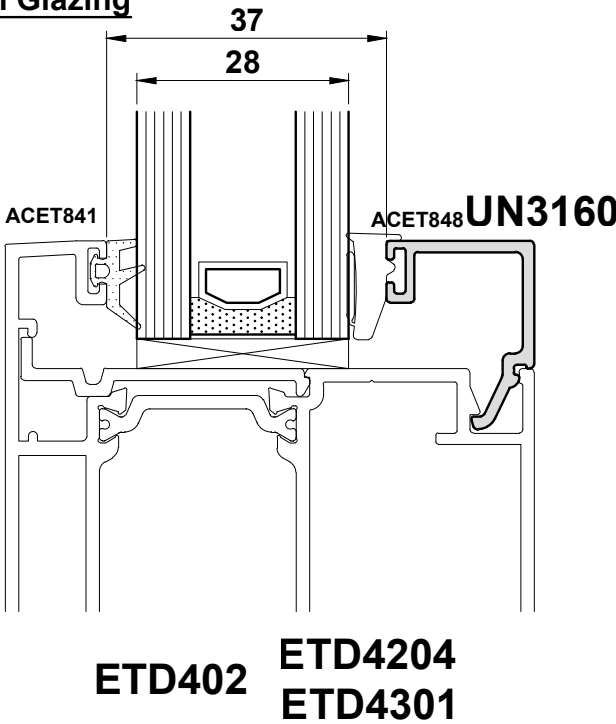
24-26mm Glazing



| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 24                  | ACET841         | ACET848         |
| 25                  | ACET842         | ACET848         |
| 26                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 24                | ACVG31          | ACUN036         |
| 25                | ACVG231         | ACUN036         |
| 26                | ACVG231         | ACUN036         |

28-30mm Glazing



| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 28                  | ACET841         | ACET848         |
| 29 (28.8)           | ACET842         | ACET848         |
| 30                  | ACET843         | ACET848         |

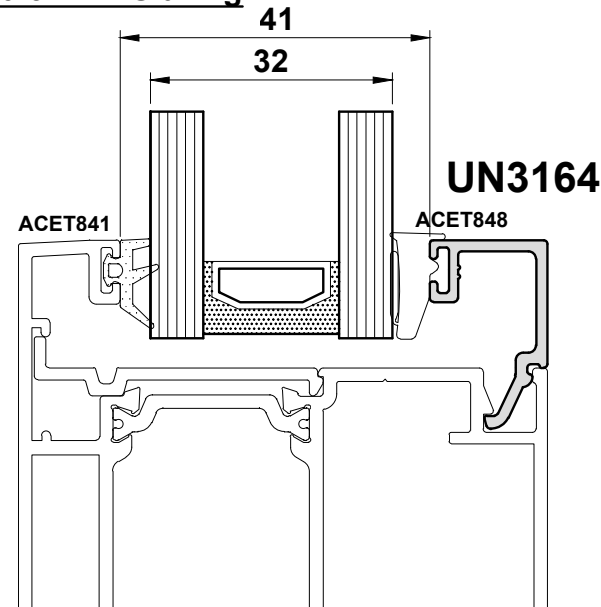
| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 28                | ACVG31          | ACUN036         |
| 29 (28.8)         | ACVG231         | ACUN036         |
| 30                | ACVG231         | ACUN036         |

Do Not Scale From This Drawing



## Glazing Chart

### 30-32mm Glazing

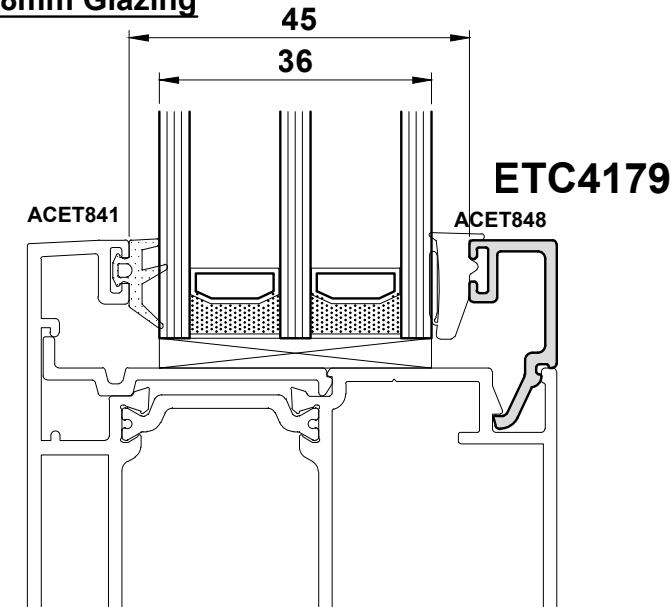


ETD402 ETD4204  
ETD4301

| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 30                  | ACET841         | ACET848         |
| 31                  | ACET842         | ACET848         |
| 32                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 30                | ACVG31          | ACUN036         |
| 31                | ACVG231         | ACUN036         |
| 32                | ACVG231         | ACUN036         |

### 36-38mm Glazing

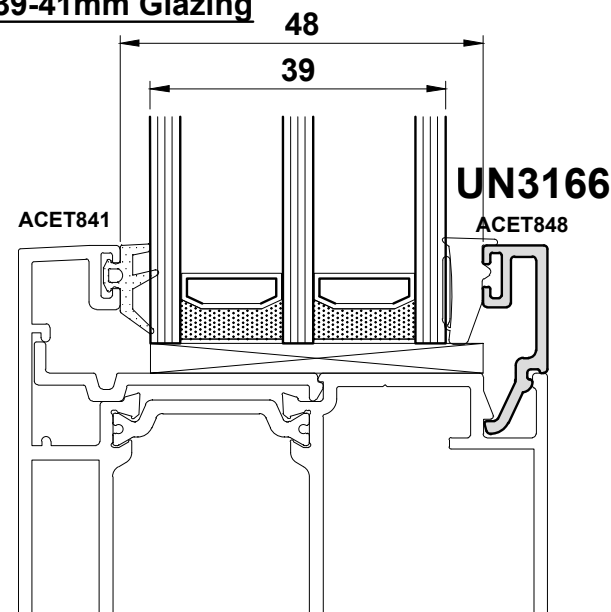


ETD402 ETD4204  
ETD4301

| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 36                  | ACET841         | ACET848         |
| 37                  | ACET842         | ACET848         |
| 38                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 36                | ACVG31          | ACUN036         |
| 37                | ACVG231         | ACUN036         |
| 38                | ACVG231         | ACUN036         |

### 39-41mm Glazing

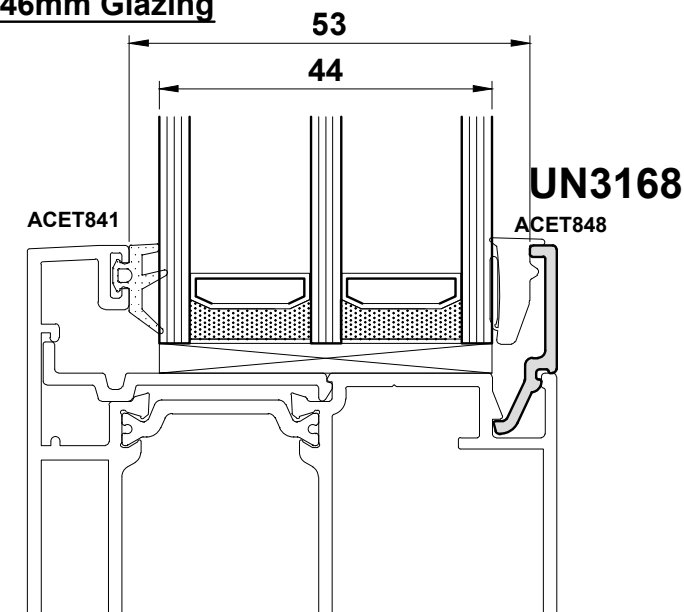


ETD402 ETD4204  
ETD4301

| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 39                  | ACET841         | ACET848         |
| 40                  | ACET842         | ACET848         |
| 41                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 39                | ACVG31          | ACUN036         |
| 40                | ACVG231         | ACUN036         |
| 41                | ACVG231         | ACUN036         |

### 44-46mm Glazing



ETD402 ETD4204  
ETD4301

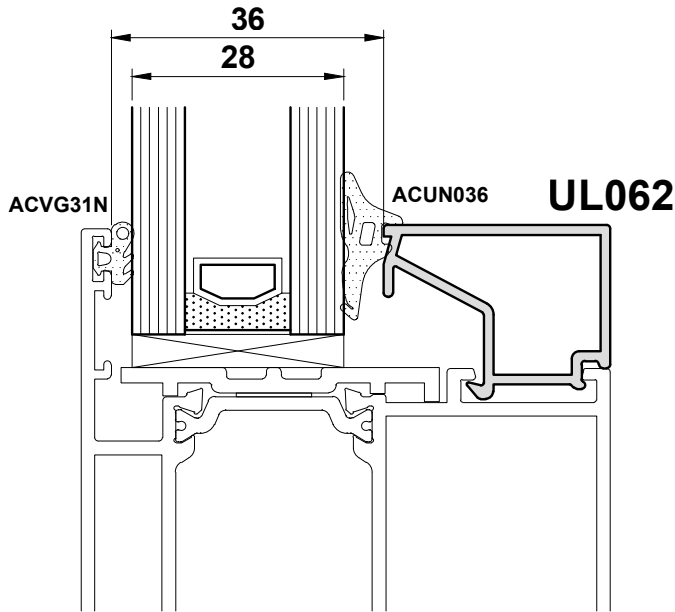
| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 44                  | ACET841         | ACET848         |
| 45                  | ACET842         | ACET848         |
| 46                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 44                | ACVG31          | ACUN036         |
| 45                | ACVG231         | ACUN036         |
| 46                | ACVG231         | ACUN036         |

Do Not Scale From This Drawing

Glazing Chart

27-29mm Glazing



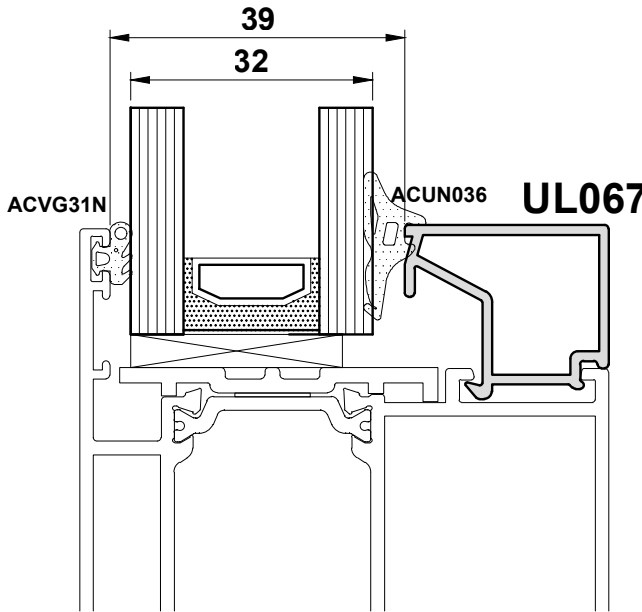
| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 27                  | ACET841         | ACET848         |
| 28                  | ACET842         | ACET848         |
| 29 (28.8)           | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 27                | ACVG31N         | ACUN036         |
| 28                | ACVG231         | ACUN036         |
| 29 (28.8)         | ACVG231         | ACUN036         |

ETD404  
ETD424

ETD430

30-32mm Glazing



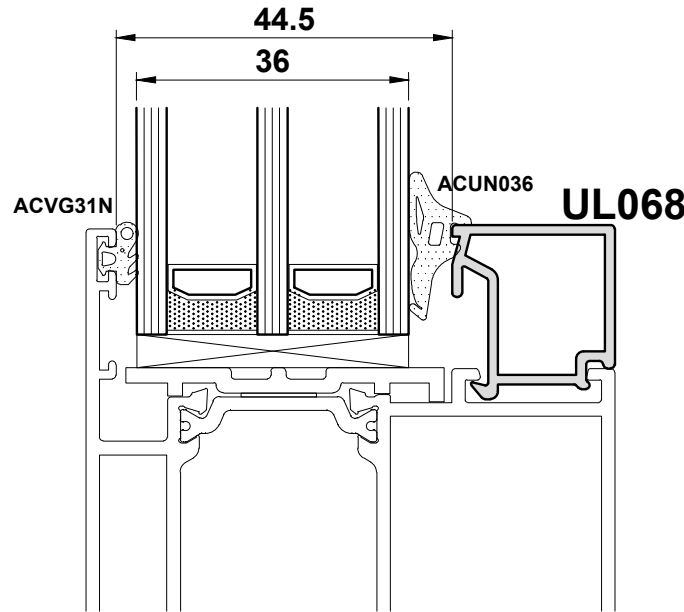
| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 30                  | ACET841         | ACET848         |
| 31                  | ACET842         | ACET848         |
| 32                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 30                | ACVG31N         | ACUN036         |
| 31                | ACVG231         | ACUN036         |
| 32                | ACVG231         | ACUN036         |

ETD404  
ETD424

ETD430

36mm Glazing



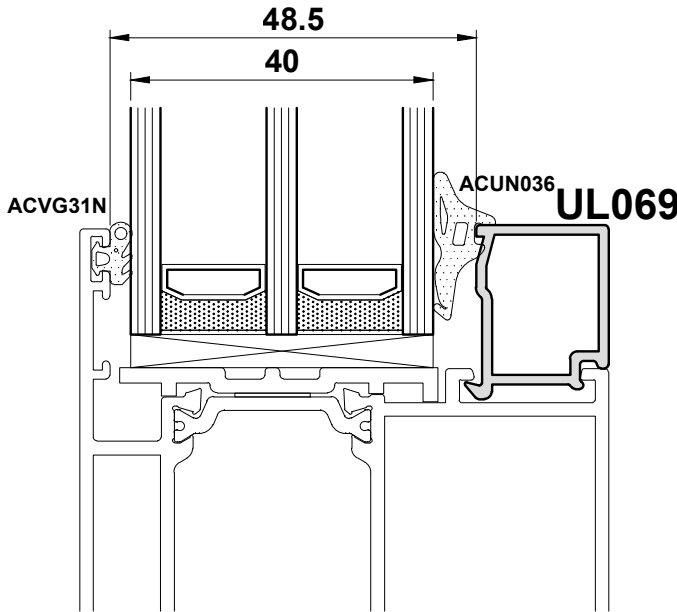
| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 35                  | ACET841         | ACET848         |
| 36                  | ACET842         | ACET848         |
| 37                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 35                | ACVG31N         | ACUN036         |
| 36                | ACVG231         | ACUN036         |
| 37                | ACVG231         | ACUN036         |

ETD404  
ETD424

ETD430

42mm Glazing



| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 39                  | ACET841         | ACET848         |
| 40                  | ACET842         | ACET848         |
| 41                  | ACET843         | ACET848         |
| 42                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 39                | ACVG31N         | ACUN036         |
| 40                | ACVG231         | ACUN036         |
| 41                | ACVG231         | ACUN036         |
| 42                | ACVG231         | ACUN033         |

ETD404  
ETD424

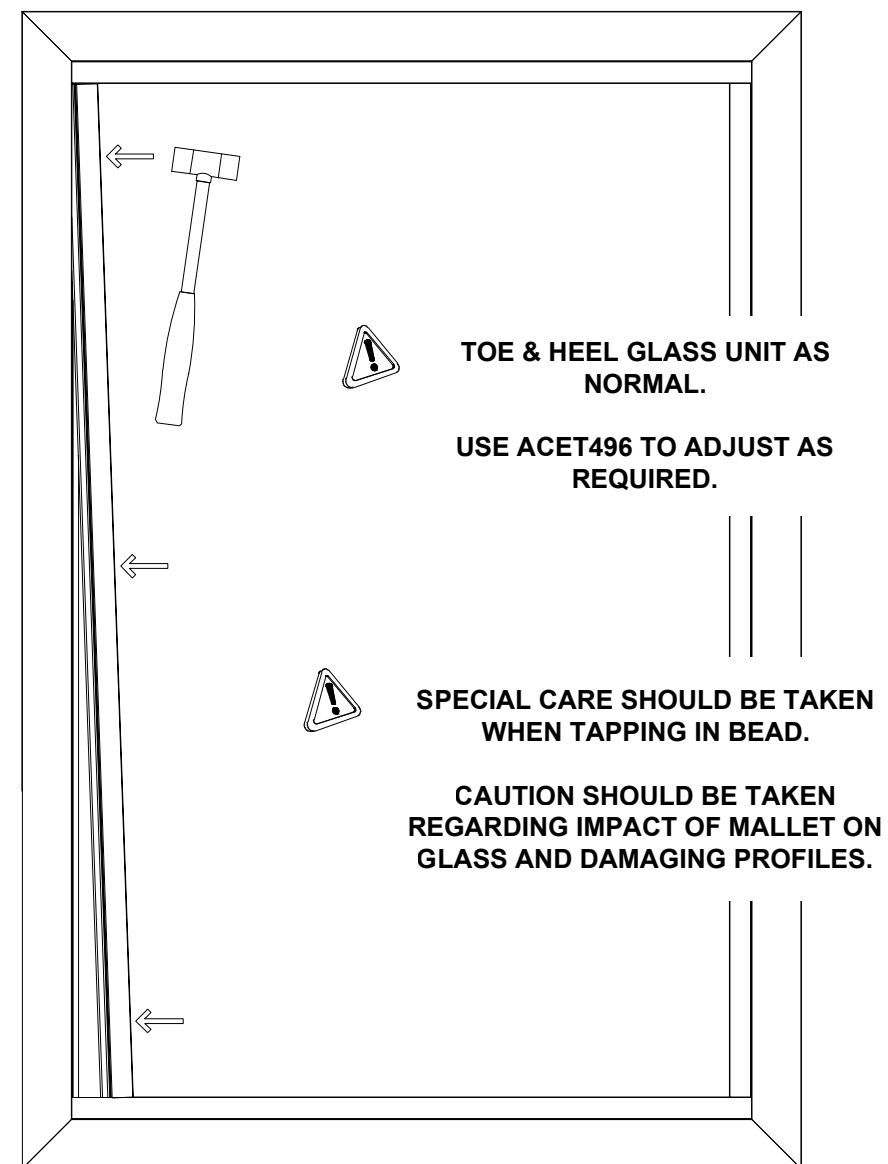
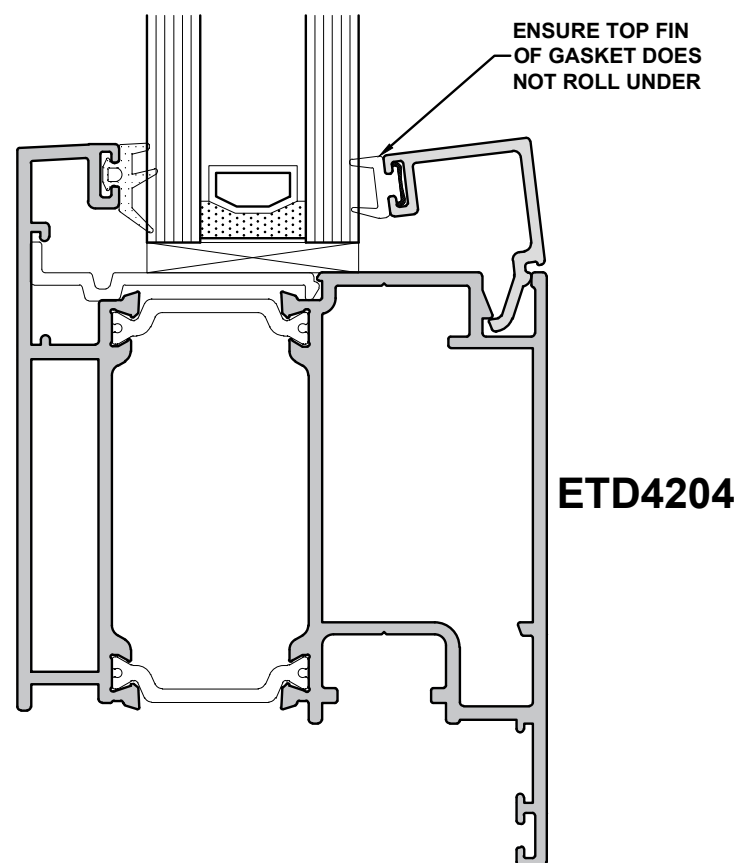
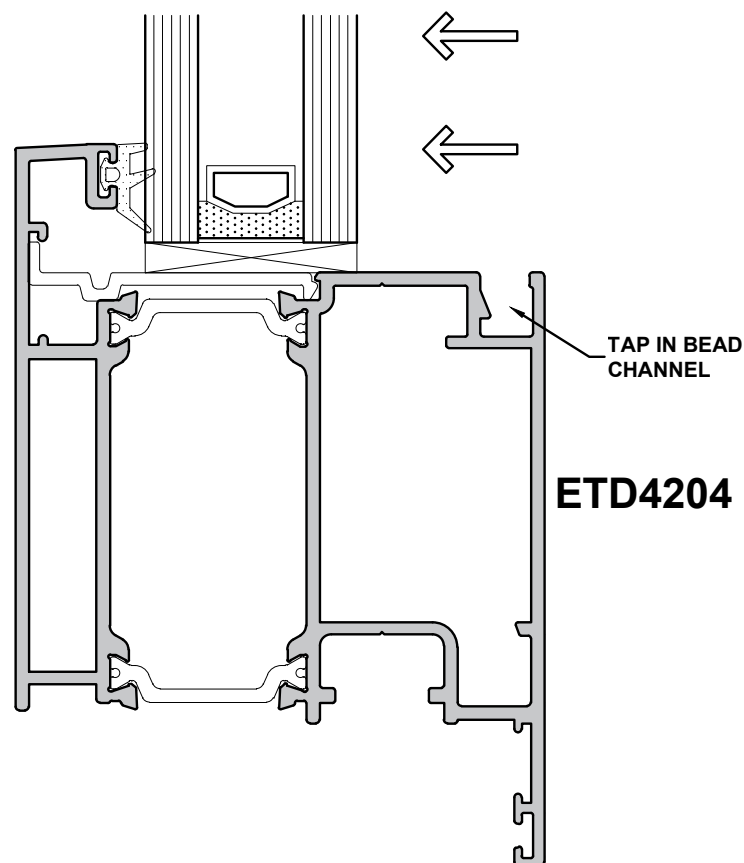
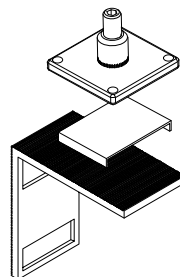
ETD430

Do Not Scale From This Drawing

### QUICK-GLAZE BEAD INSTALLATION

1. INSTALL GLASS UNIT, ENSURING IT HAS BEEN PUSHED FORWARD TO ENGAGE COMPRESSION OF E GASKET.
2. BEGINNING WITH HORIZONTAL BEADS, LOCATE BEAD IN CLIP CHANNEL OF SASH AS SHOWN. INTEGRATED GASKET MAY REST AGAINST GLASS UNIT.
3. APPLY FIRM PRESSURE TO THE BEAD TO HOLD IN POSITION. THIS MAY CAUSE THE BEAD TO FULLY LOCK INTO POSITION.
4. USING A NYLON MALLET, TAP BEAD INTO CHANNEL WORKING FROM ONE END TO THE OTHER. PLEASE TAKE CARE AT THIS STAGE TO AVOID DAMAGE TO BOTH THE GLAZING UNIT AND THE BEAD.
5. REPEAT STEPS 2 - 4 TO INSTALL VERTICAL BEADS.

**WE STRONGLY RECOMMEND INSTALLING ACET496 GLASS ADJUSTERS WHEN USING QUICK-GLAZE BEADS. THIS WILL REMOVE THE NEED TO REMOVE BEADS IN ORDER TO ADJUST GLASS POSITION.**



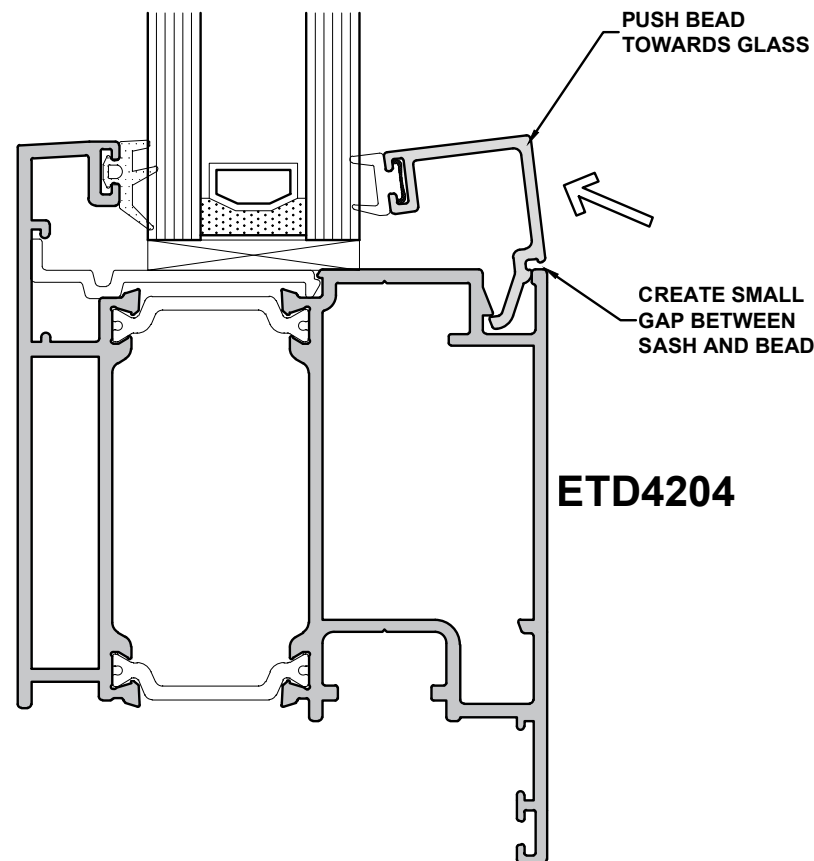
Do Not Scale From This Drawing

**KEEP INTEGRATED GASKET**

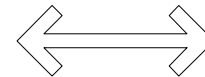
**QUICK-GLAZE BEAD REMOVAL**

1. STARTING ON VERTICAL BEADS, APPLY PRESSURE TO BEAD IN DIRECTION SHOWN IN ORDER TO CREATE SMALL GAP BETWEEN SASH AND BEAD.
2. GENTLY INSERT DE-GLAZING TOOL TAKING PARTICULAR CARE AS NOT TO DAMAGE PAINT FINISH.
3. SLOWLY PRISE THE BEAD UP AND AWAY FROM THE SASH.
4. THE BEAD SHOULD NOW BE EASILY REMOVABLE FROM QUICK-GLAZE BEAD CHANNEL IN SASH

BEAD AND INTEGRATED GASKET CAN BE REUSED.



OR

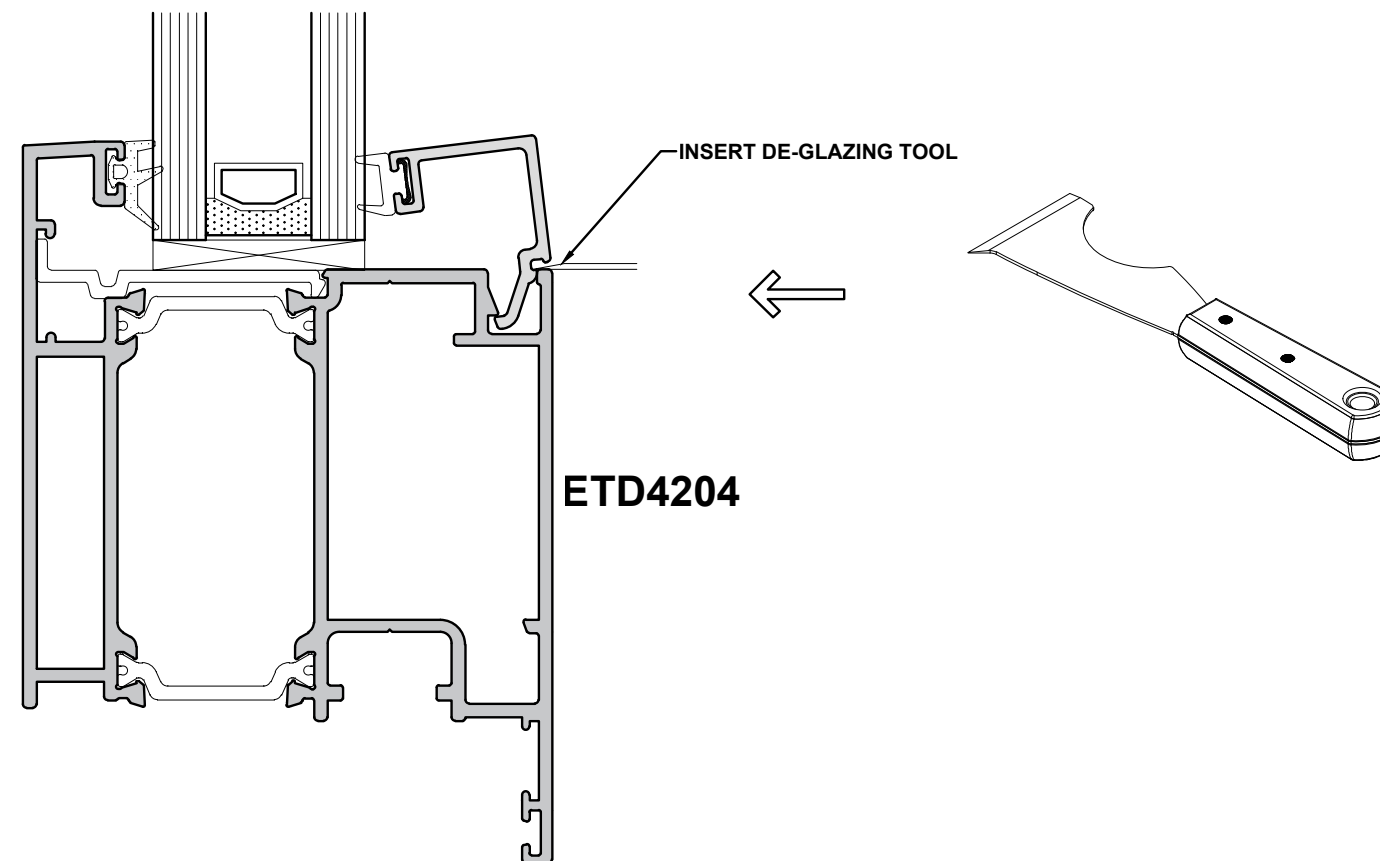


**REPLACE INTEGRATED GASKET**

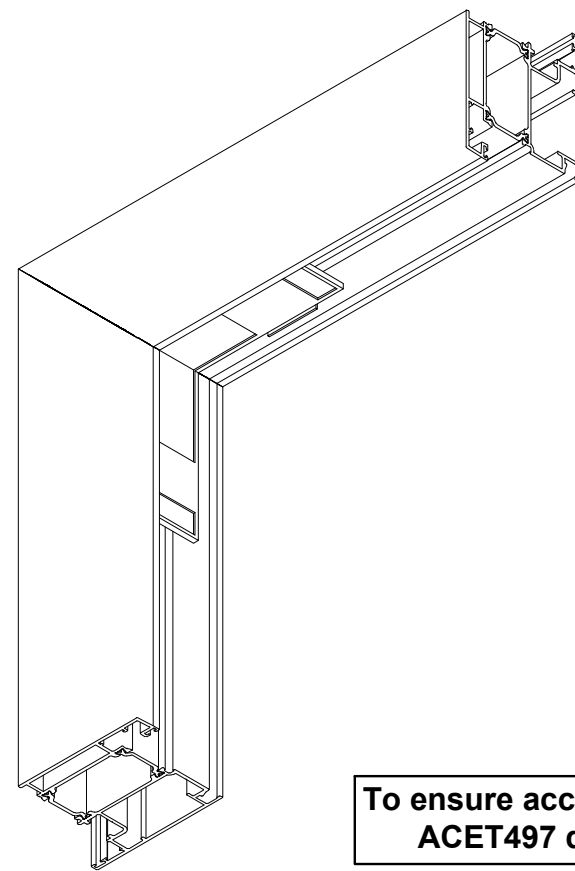
**QUICK-GLAZE BEAD REMOVAL**

1. USING SMALL FLAT HEADED SCREWDRIVER OR SIMILAR, WEDGE TIP BETWEEN CO EXTRUDED GASKET AND ALUMINIUM.
2. IN A LEVERING MOTION, PRISE THE GASKET AWAY FROM THE ALUMINIUM. PARTICULAR CARE SHOULD BE TAKEN NOT TO DAMAGE THE GLASS UNIT AND ALUMINIUM.
3. COMPLETE THIS AT SEVERAL LOCATIONS ALONG THE LENGTH OF THE BEAD.
4. REMOVE GASKET AND DISCARD. THIS GASKET CAN NO LONGER BE USED.
5. THE BEAD SHOULD NOW BE EASILY REMOVABLE FROM TAP IN BEAD CHANNEL IN SASH

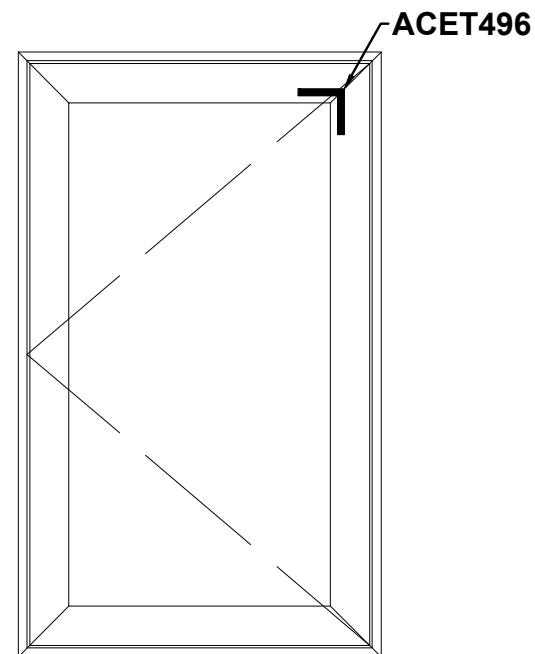
PLEASE SEE GLAZING CHART FOR REPLACEMENT GASKET CODES.



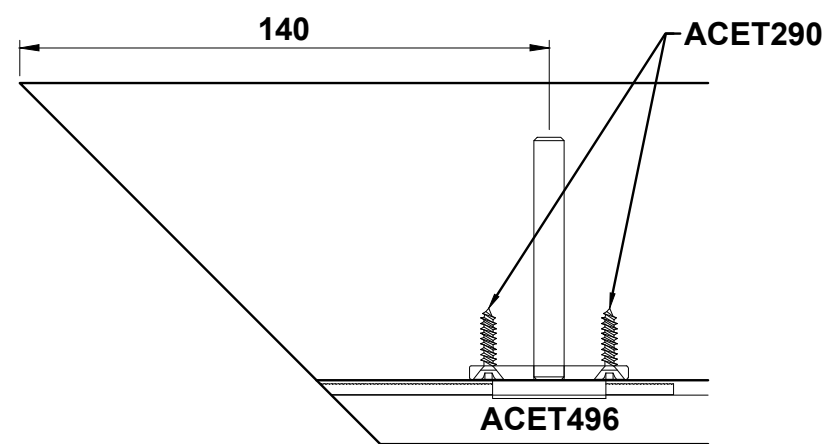
## ACET496 Glass Adjuster



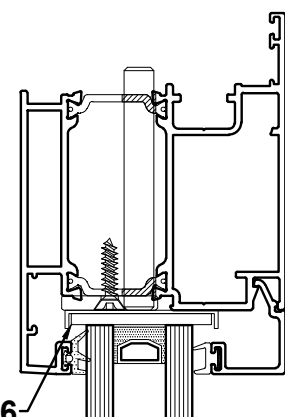
To ensure accuracy use  
ACET497 drill jig



Note: Do not tighten the adjusting  
screw too tightly as it can lead to  
cracked glass.



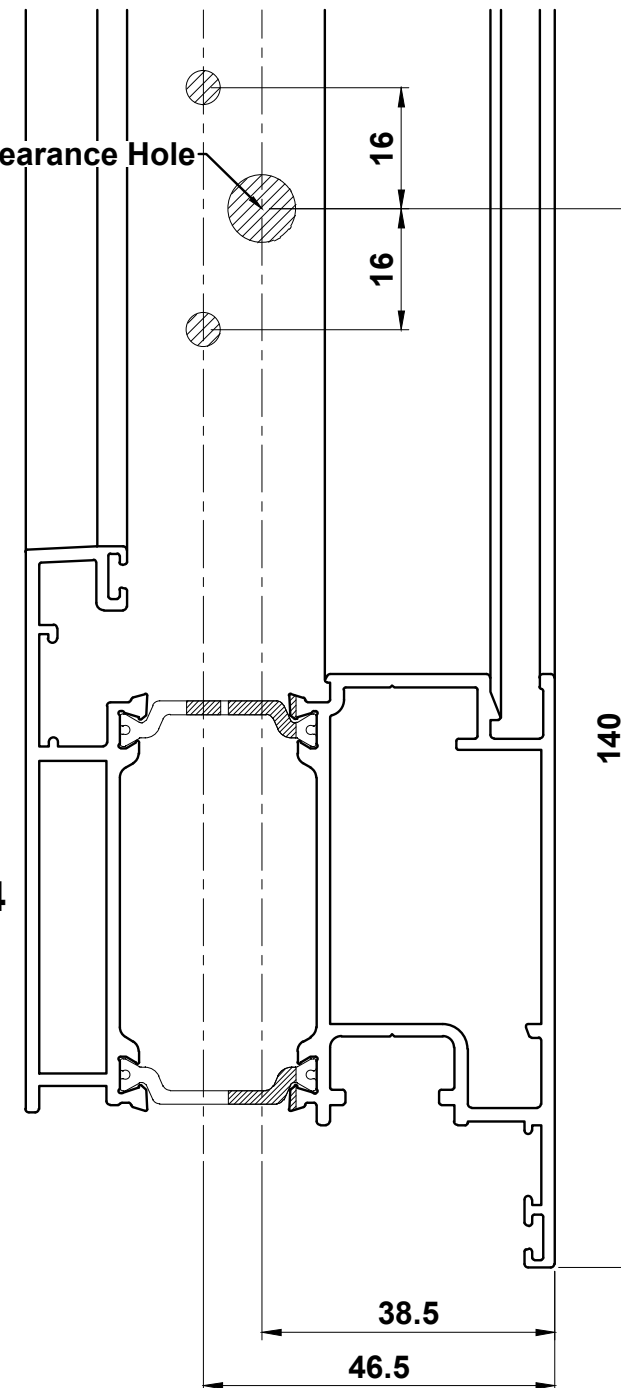
ACET496



ETD4204

ETD4204

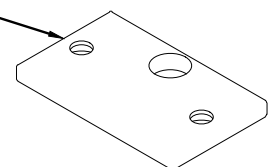
Ø9 Clearance Hole



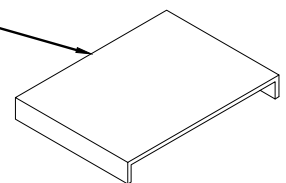
Adjusting  
Screw



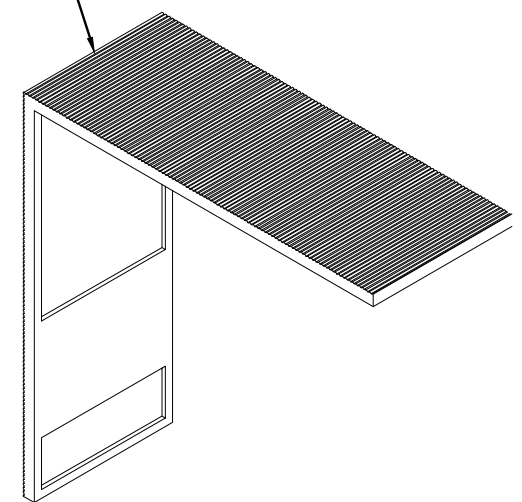
Threaded  
Block



Steel Cover

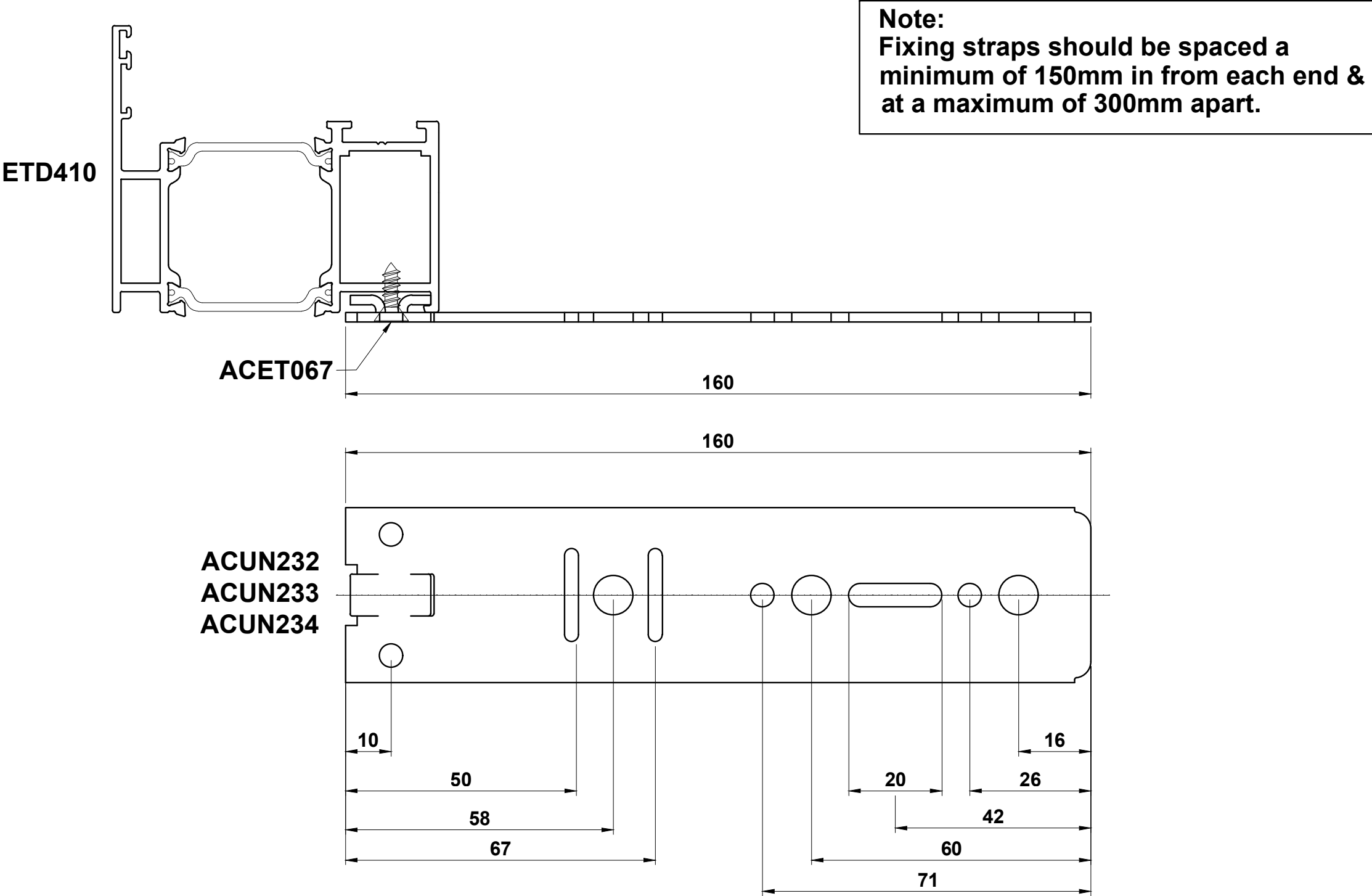


ABS Corner



Do Not Scale From This Drawing

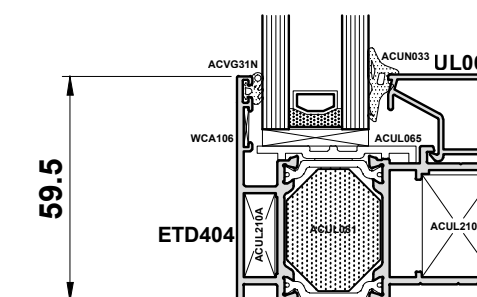
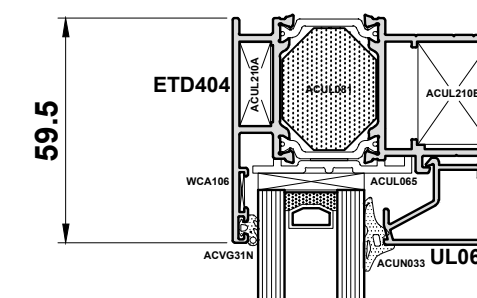
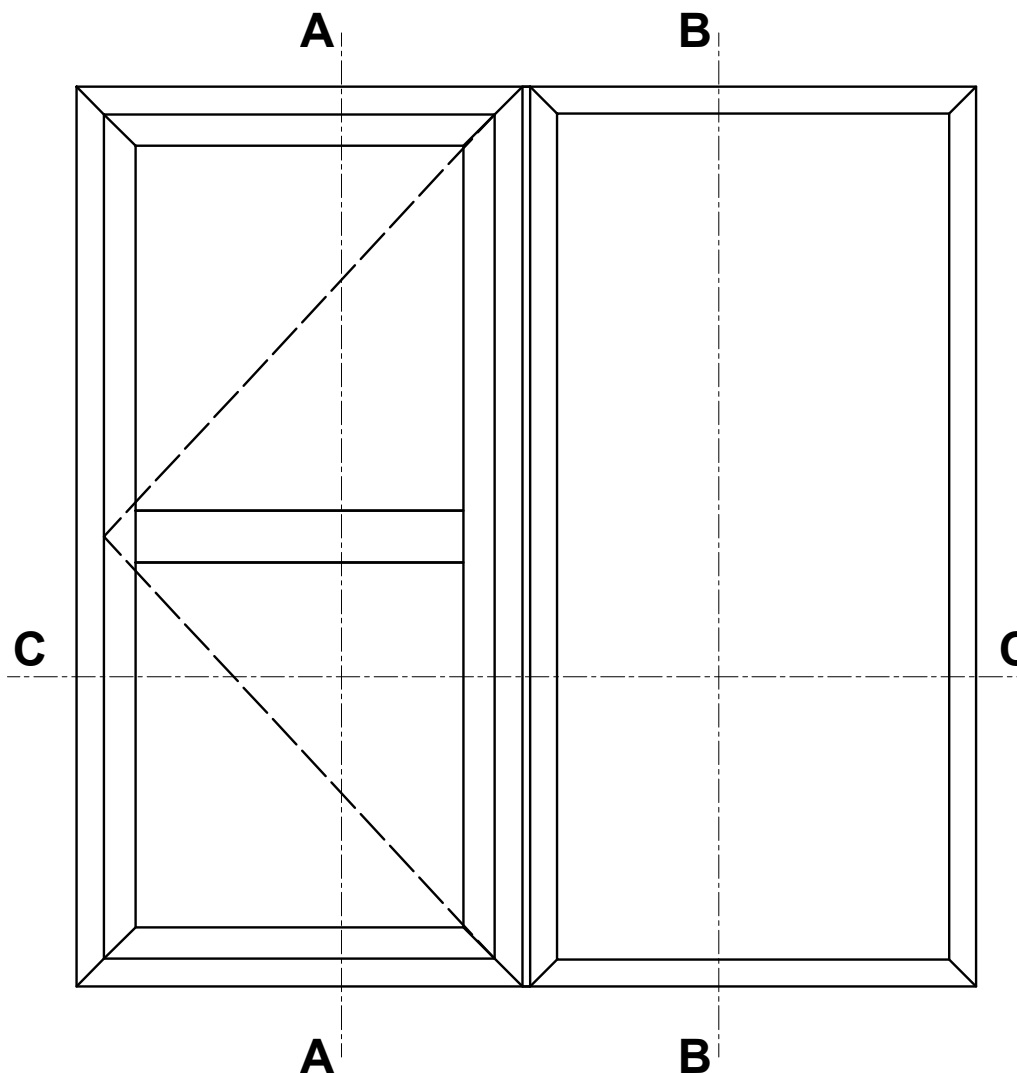
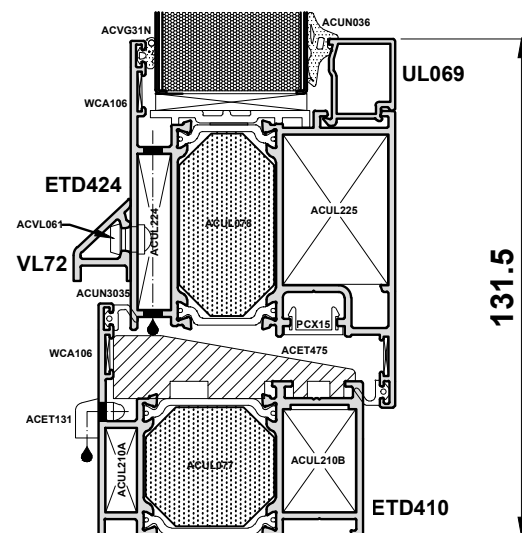
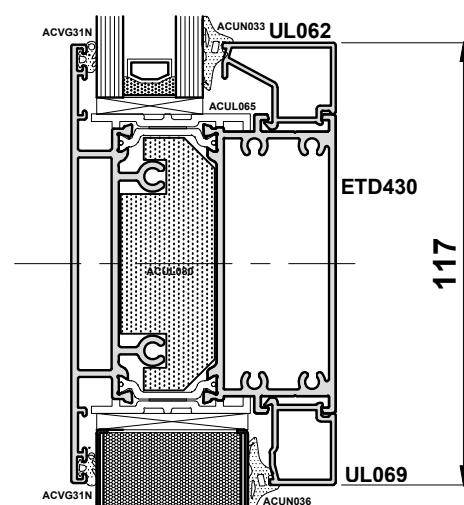
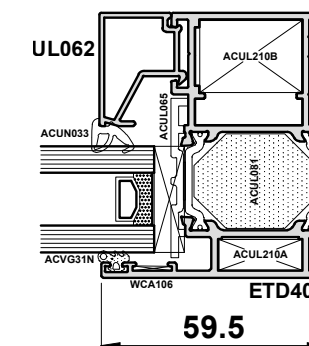
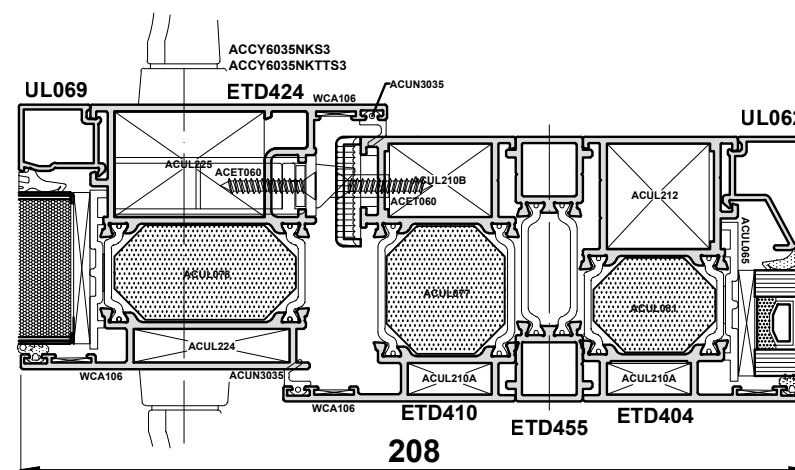
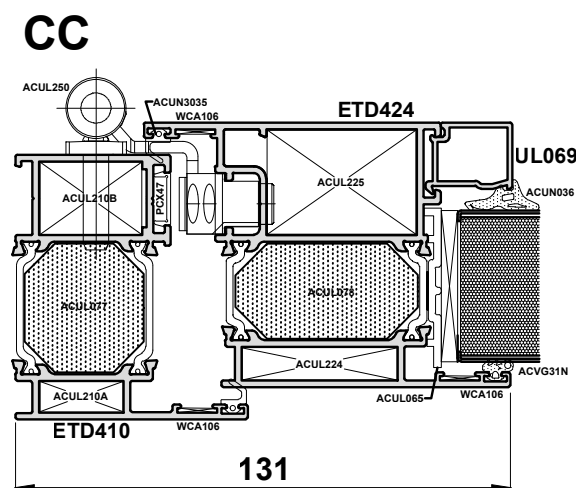
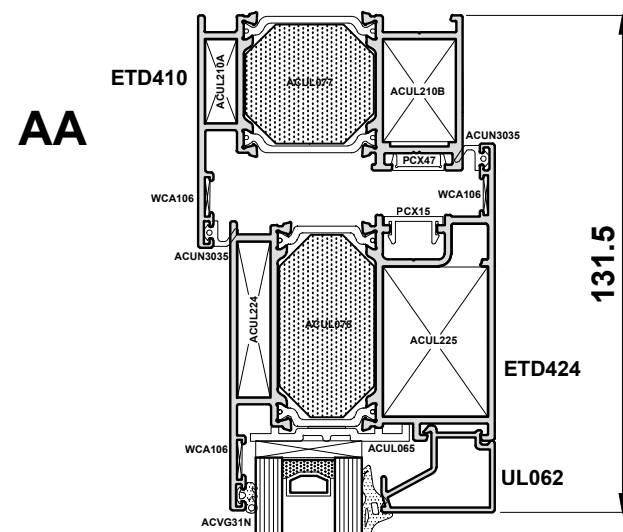
Fixing Strap Detail



Do Not Scale From This Drawing

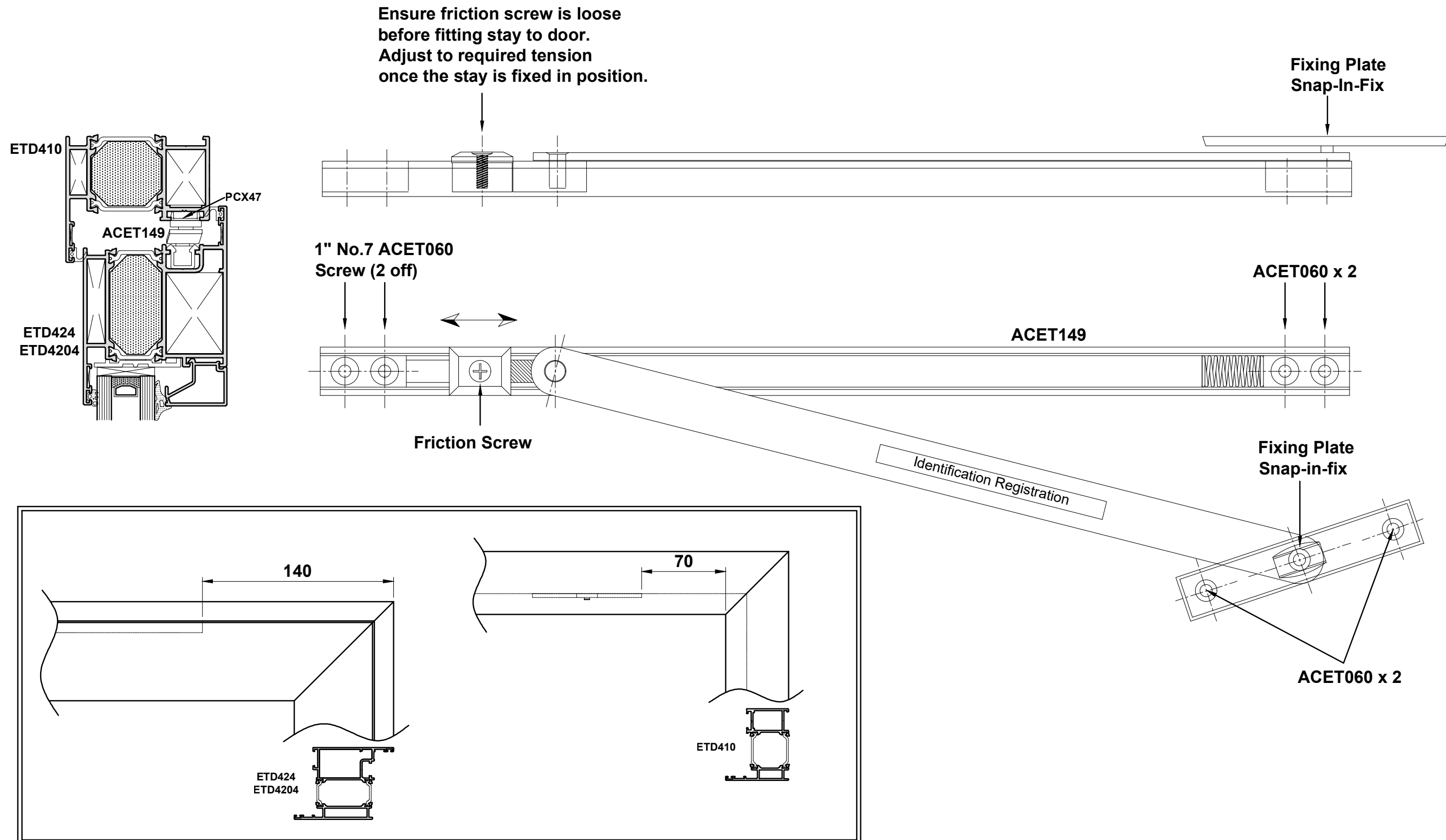


Example Layout



Do Not Scale From This Drawing

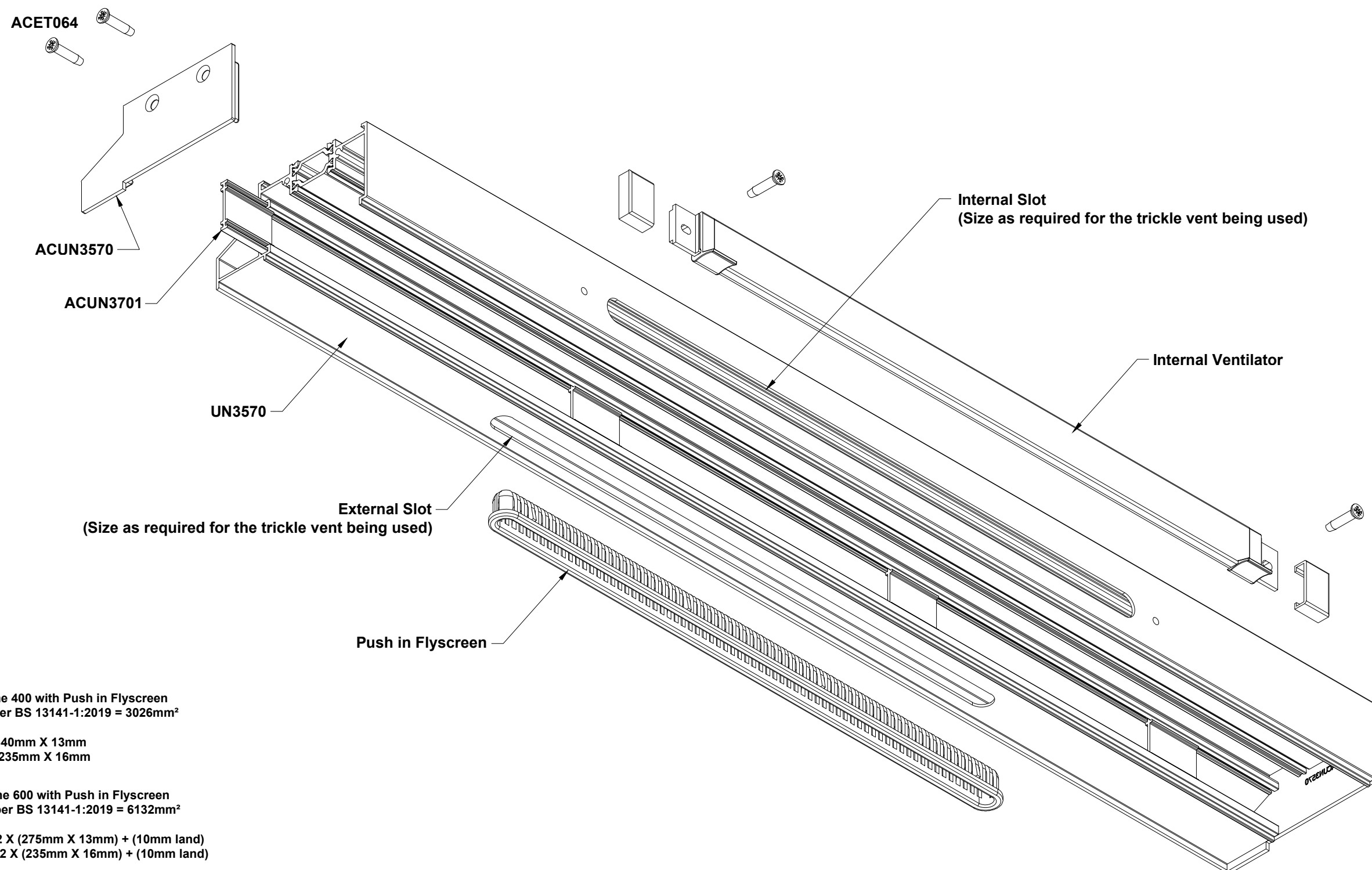
## ACET149 Fitting Instructions



Do Not Scale From This Drawing



## Trickle Vent



Do Not Scale From This Drawing

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Do Not Scale From This Drawing

Section E



Construction Drawings - Open Out

Corner Joint Detail..... E47

ACUL900 Punch Tool ..... E48

Low Rebate Threshold Assembly..... E49

Low Ramp Threshold Assembly..... E50

Drainage..... E51

Sub Cill Drainage..... E52

Quick-Glaze Bead Transom Assembly..... E53

Stainless Steel Hardware..... E54

Door Locking Hardware Options..... E55

Hinge Preparation..... E56

Lock Overview of Single and Double Doors..... E57

Single Door Lock Preparation..... E58

Lift Lever Shootbolt Layout..... E59

Lift Lever Full Frame Preparation..... E60-E61

Lift Lever Low Rebate Preparation..... E62-E63

Lift Lever Low Ramp Preparation..... E64-E65

ACUL267 & ACUL268 Lock Preparation..... E66

Fingerbolt Full Frame Preparation..... E67-E68

Fingerbolt Low Rebate Preparation..... E69-E70

Fingerbolt Low Ramp Preparation..... E71-E72

Letter Plate Fitting..... E73

Glazing Chart..... E74-E75

Quick-Glaze Bead..... E76-E77

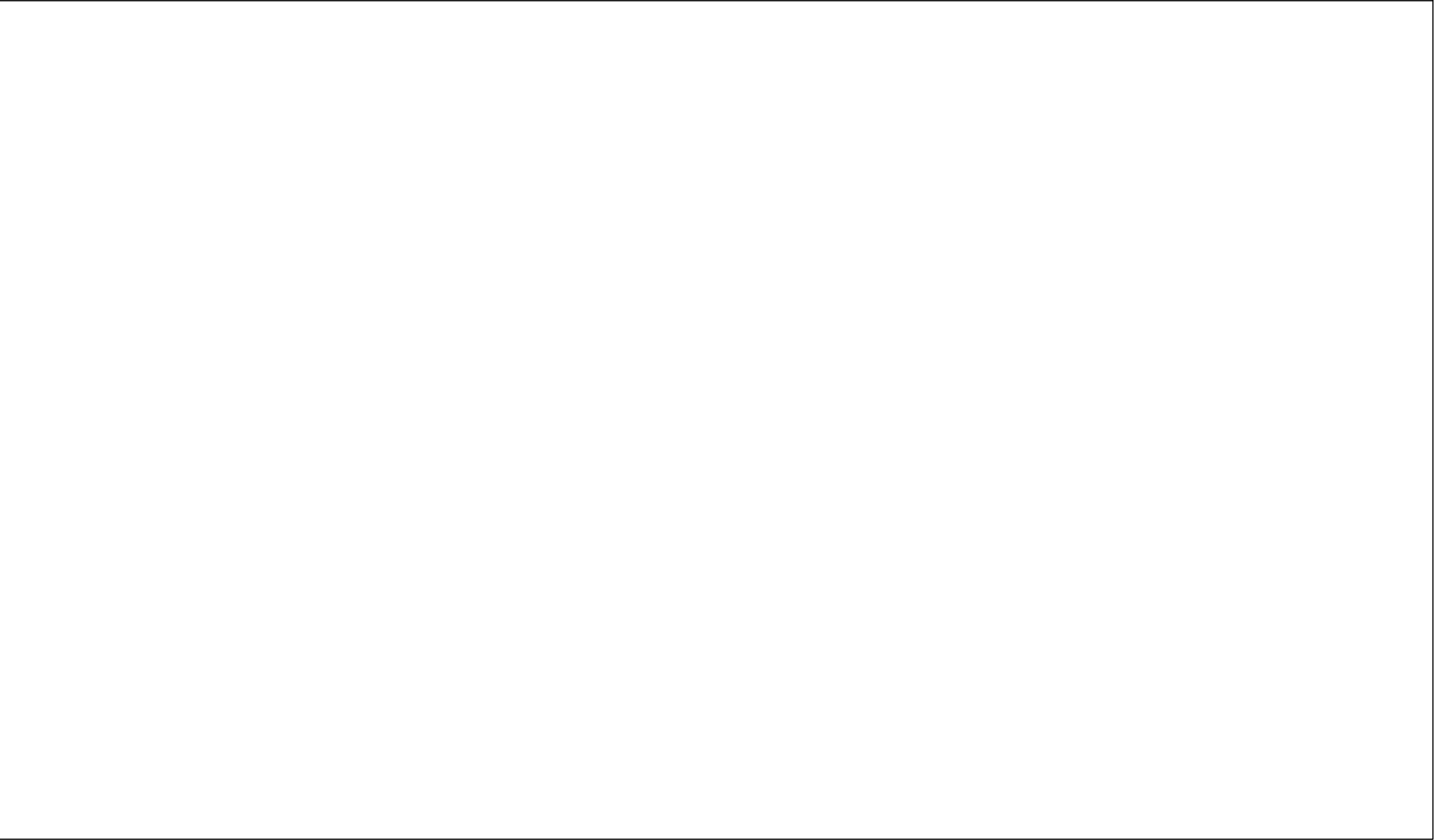
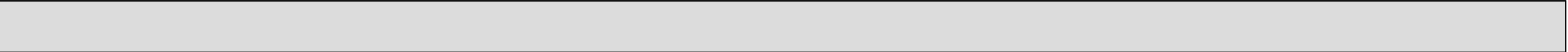
Glass Adjuster..... E78

Fixing Strap Detail..... E79

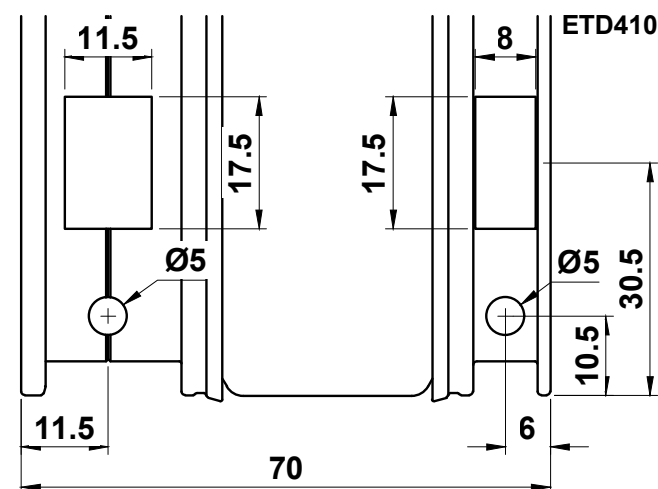
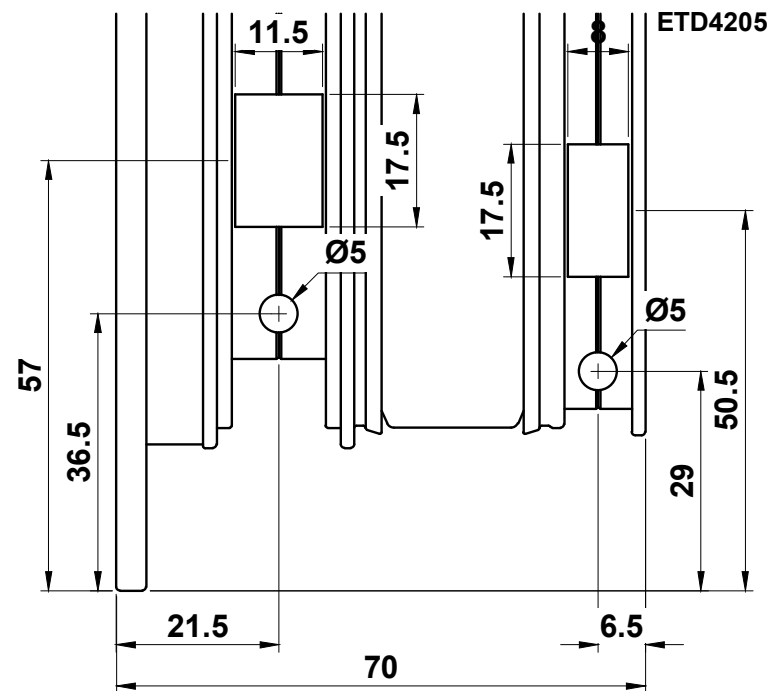
Example Layout..... E80

Restrictor Fitting..... E81

Trickle Vent..... E82

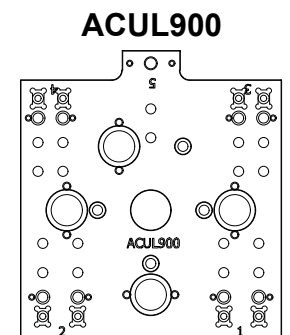
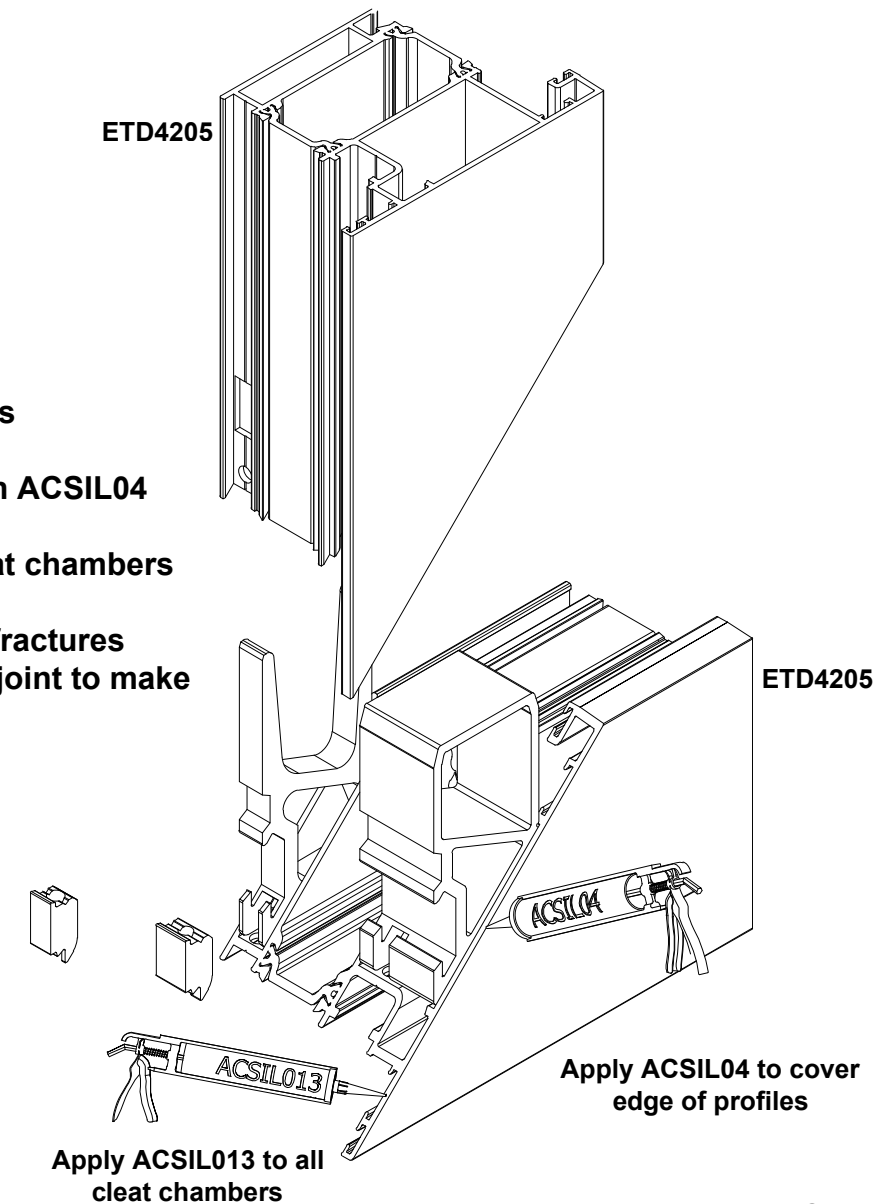


## Corner Joint Details



### Notes

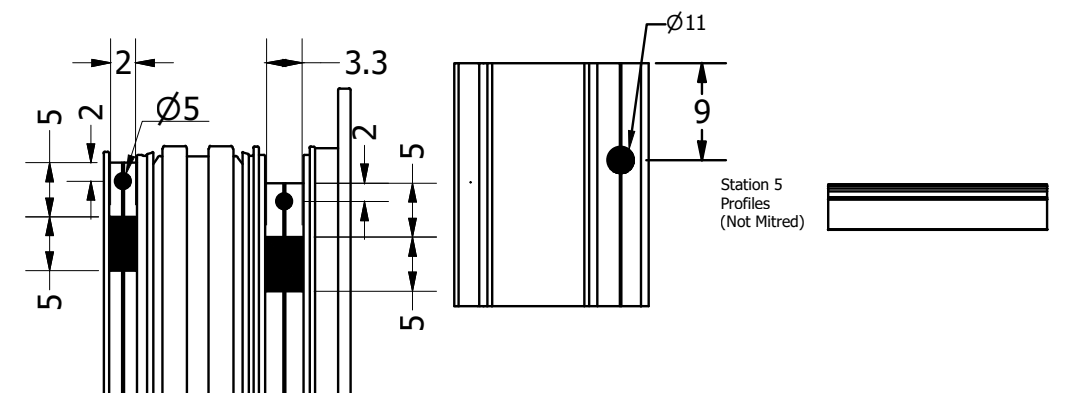
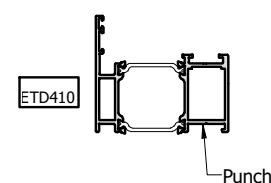
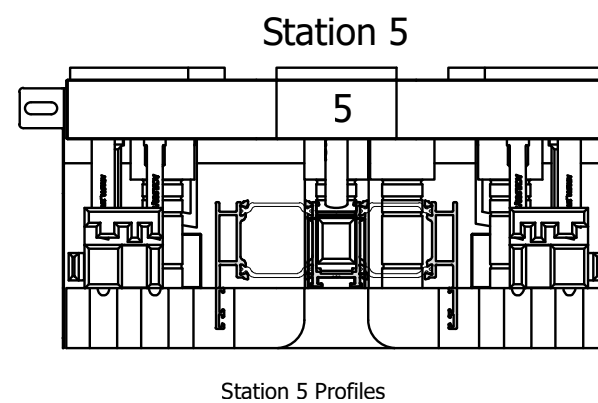
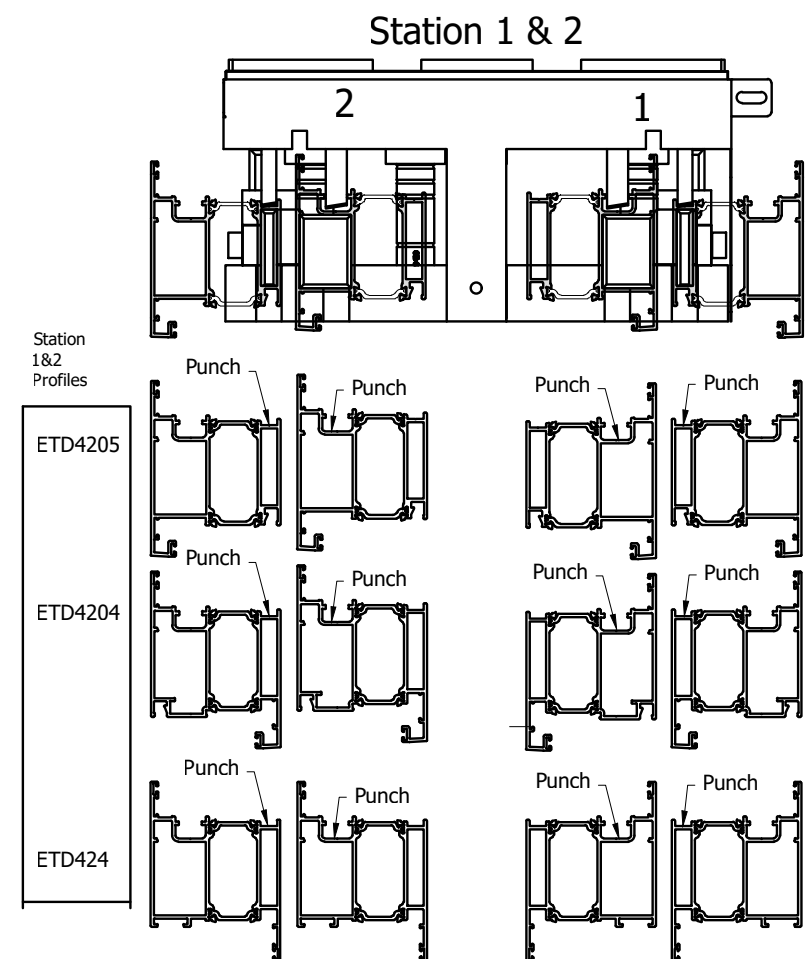
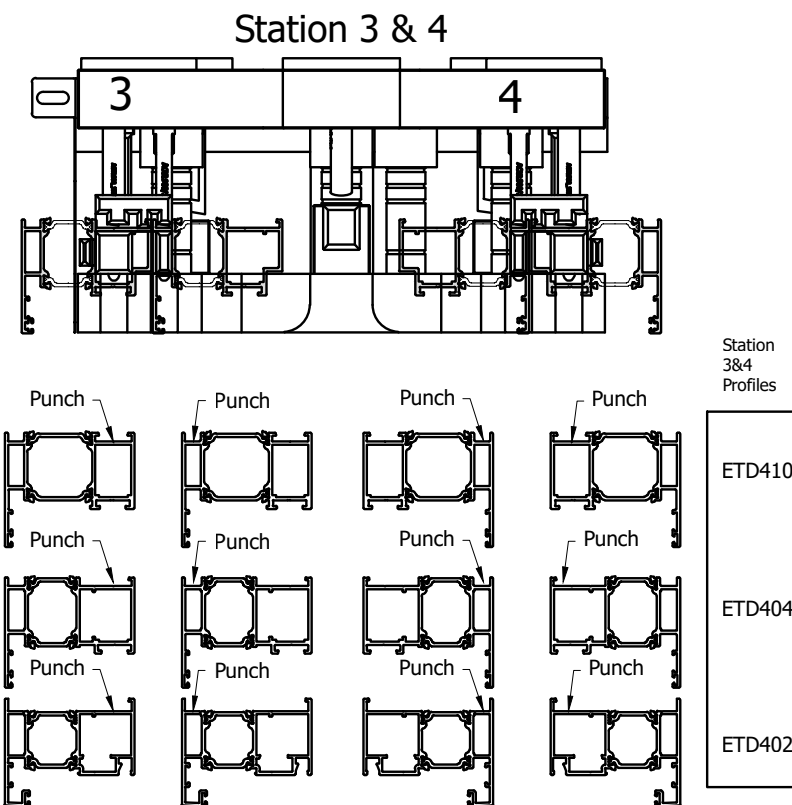
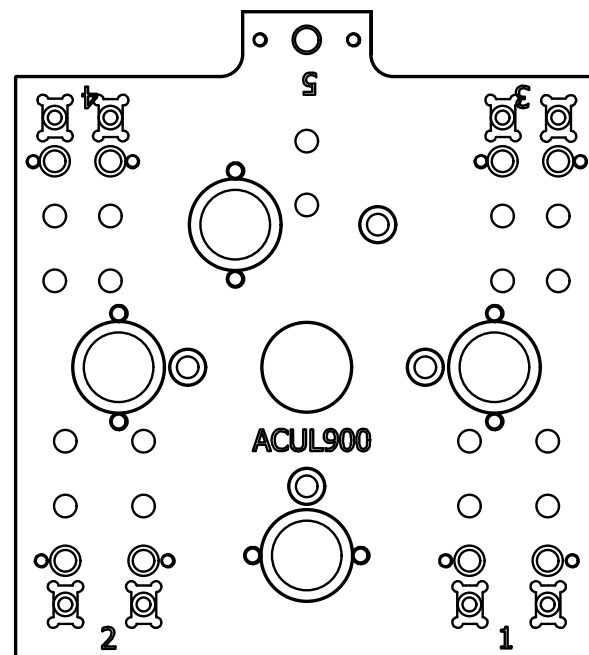
1. Degrease mitre sections
2. Cover mitred faces with ACSIL04
3. Apply ACSIL013 to cleat chambers
4. Apply ACSIL04 to any fractures formed by mechanical joint to make watertight



**To ensure accurate corners, we recommend the use of support blocks (by others) whilst cutting.**

Do Not Scale From This Drawing

## ACUL900 Punch Tool



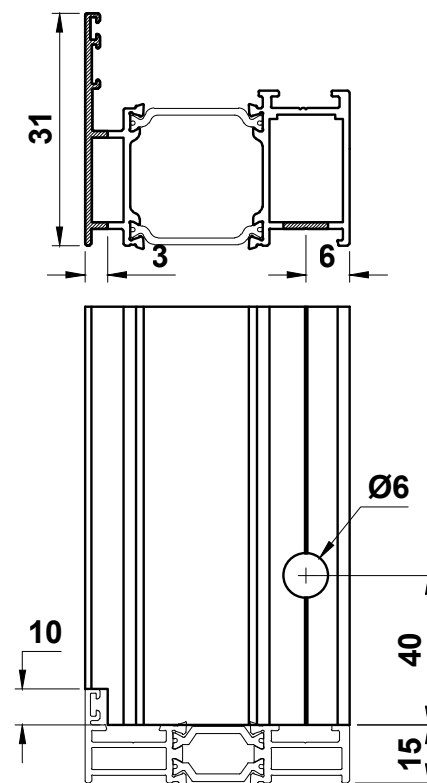
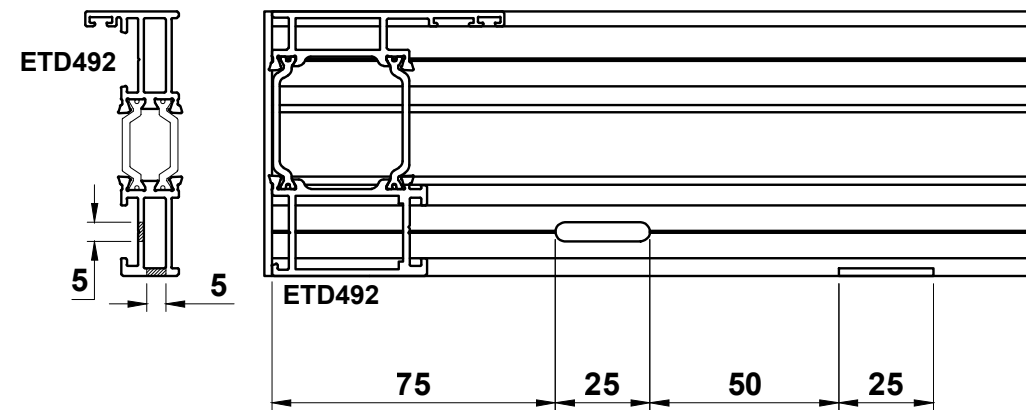
**IMPORTANT NOTE:**  
Please do not overtighten  
retaining nut to punch tool base.

**Use support stands for longer lengths of profiles.**

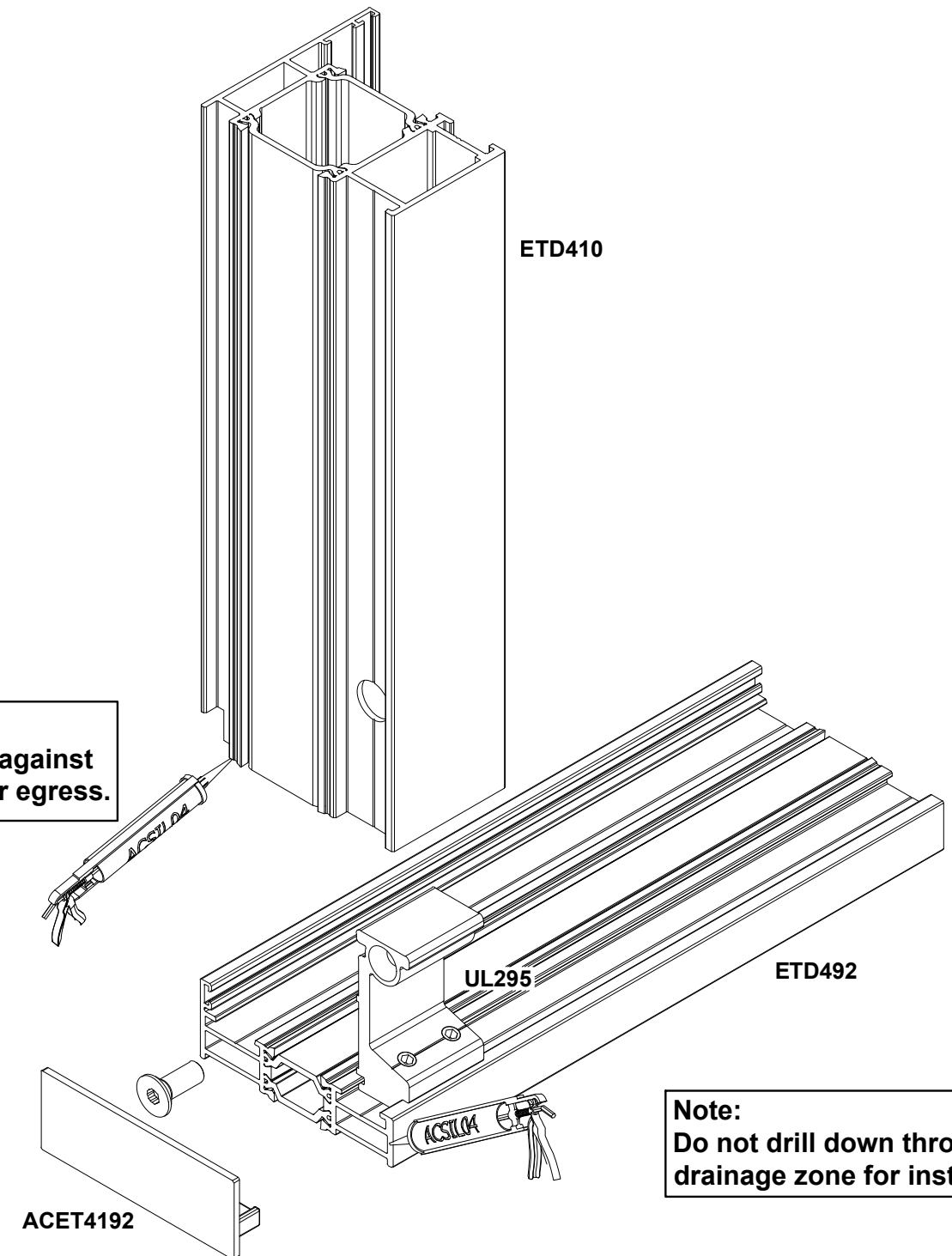
**Do Not Scale From This Drawing**



## Low Rebate Threshold Assembly



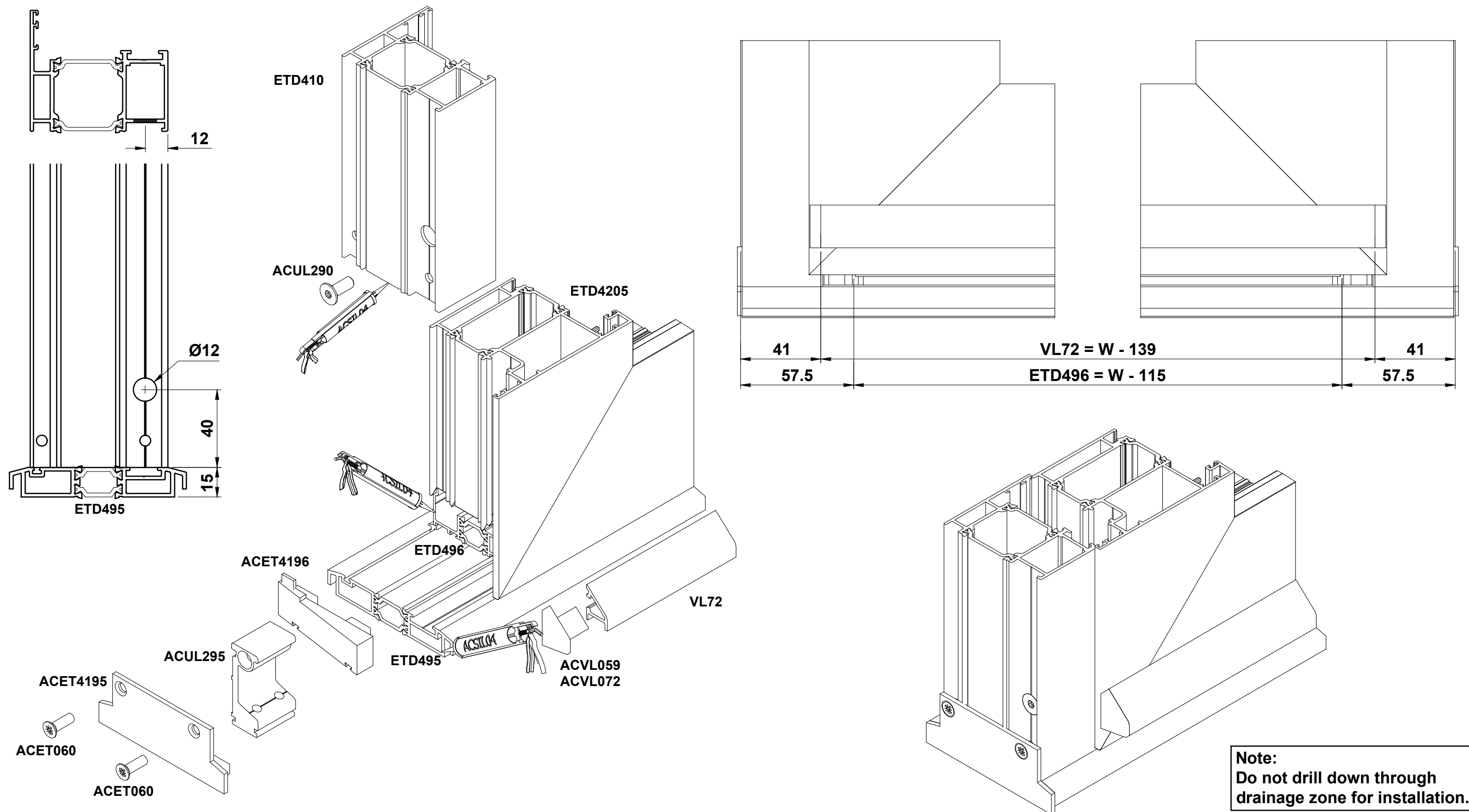
**Important Note:**  
Ensure end cap is sealed against  
threshold to prevent water egress.



**Note:**  
Do not drill down through  
drainage zone for installation.

Do Not Scale From This Drawing

## Low Ramp Threshold Assembly

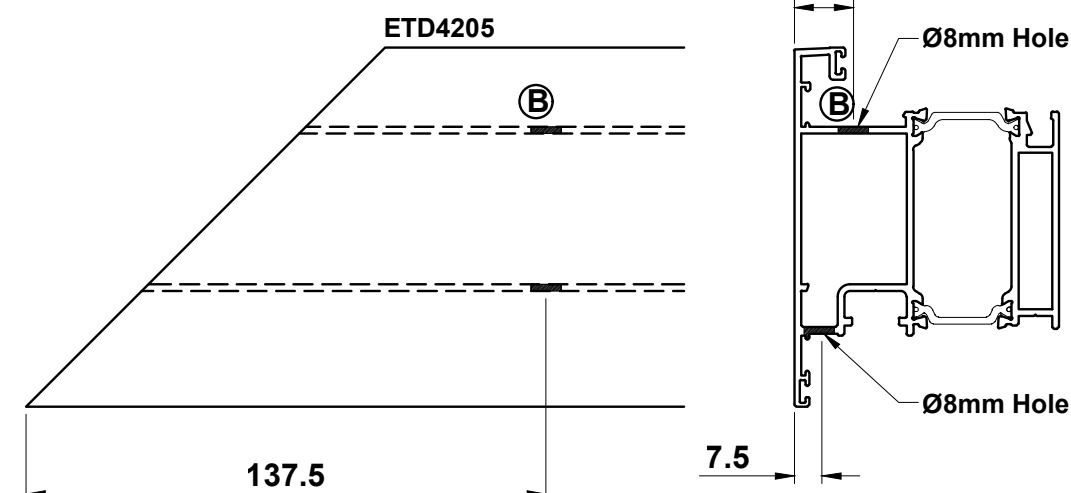
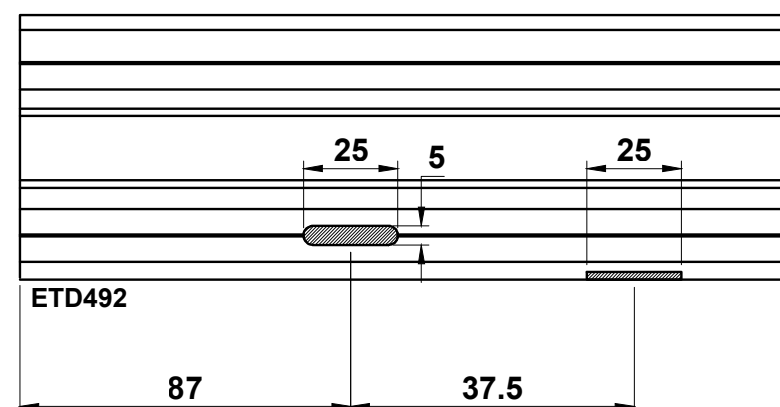
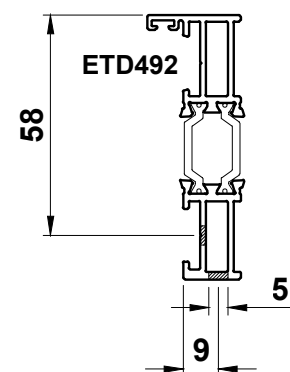
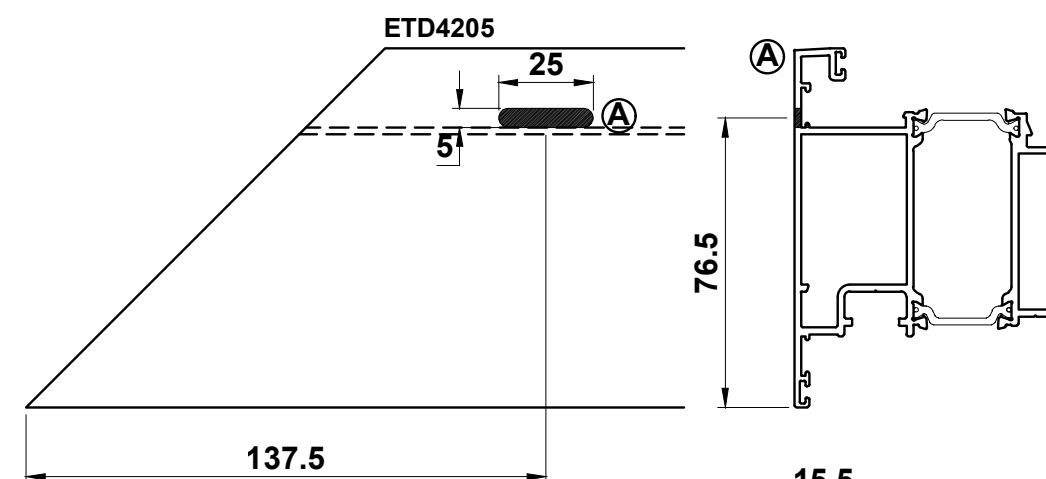
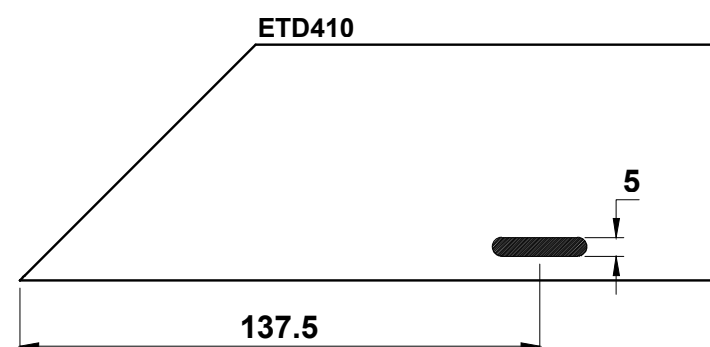
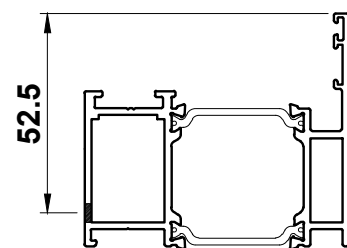
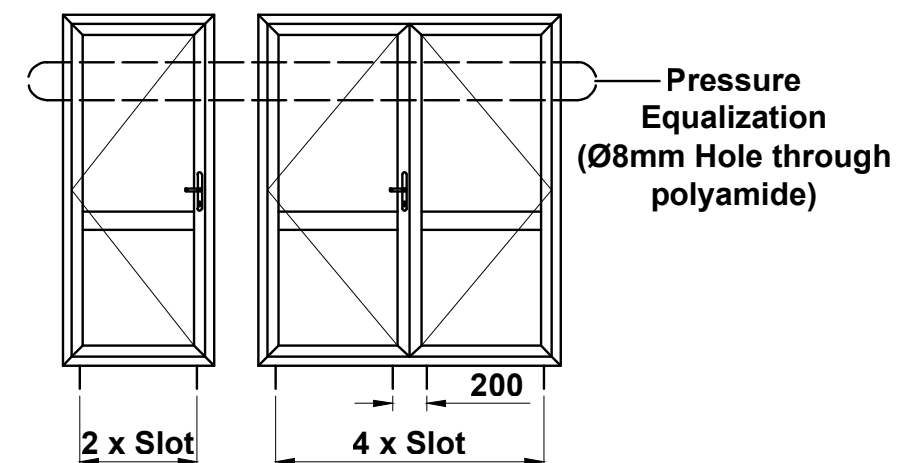
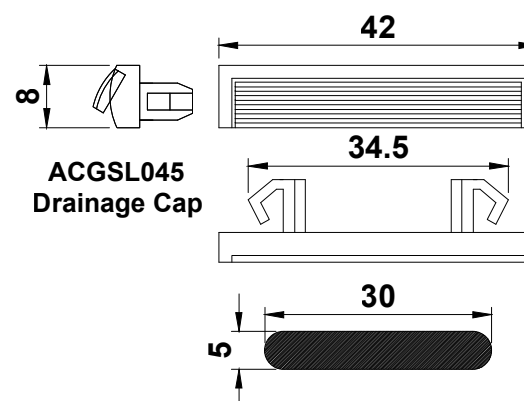
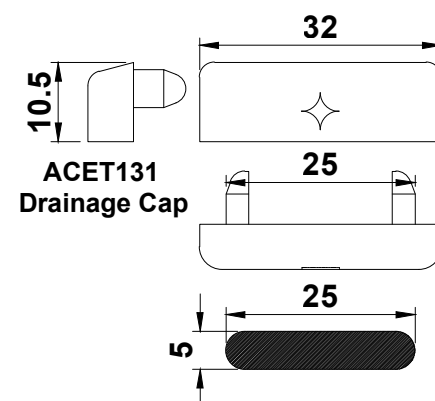


Do Not Scale From This Drawing



## Drainage

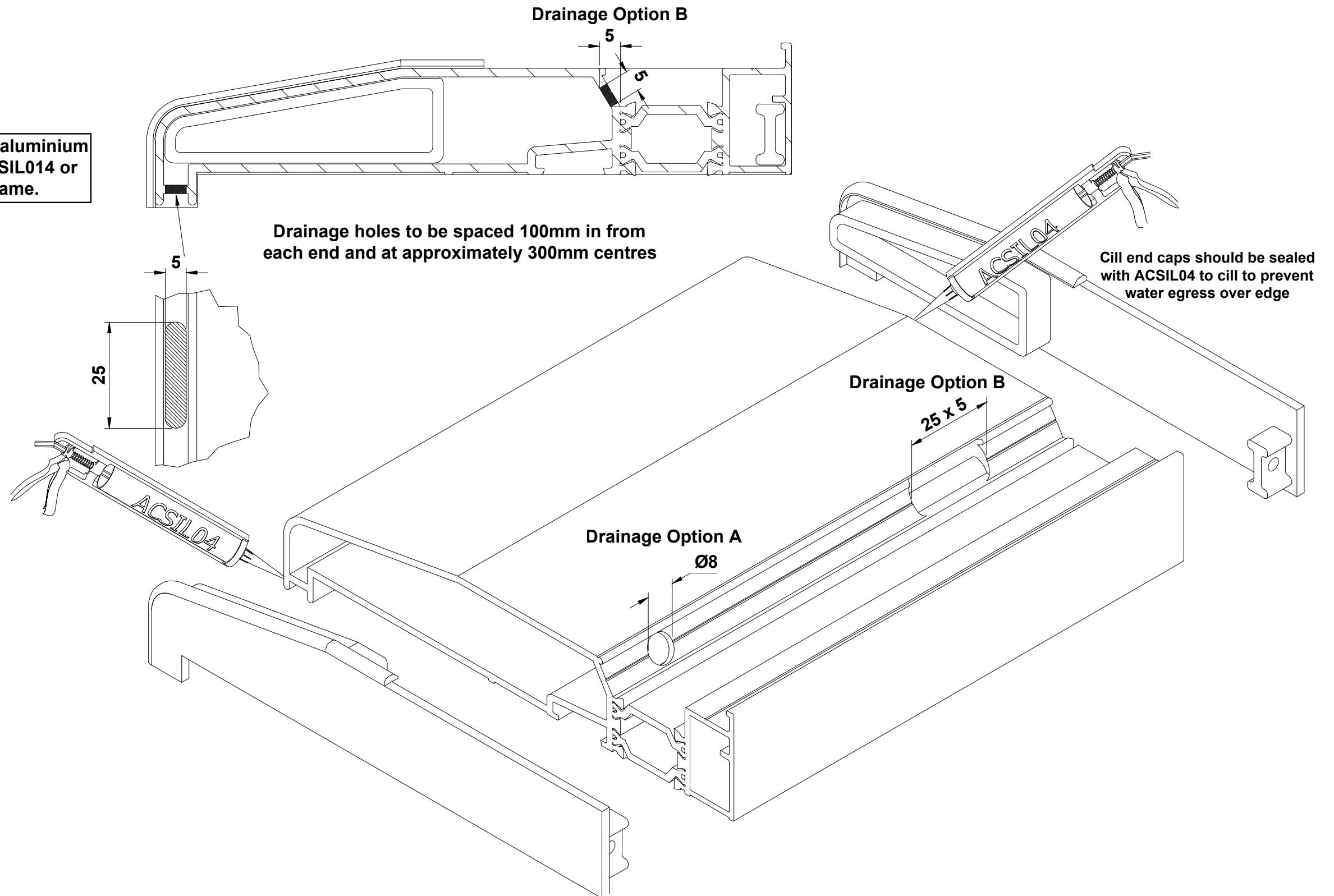
**Important Note:** All exposed aluminium should be coated using ACSIL014 or painted to match the frame.



Do Not Scale From This Drawing

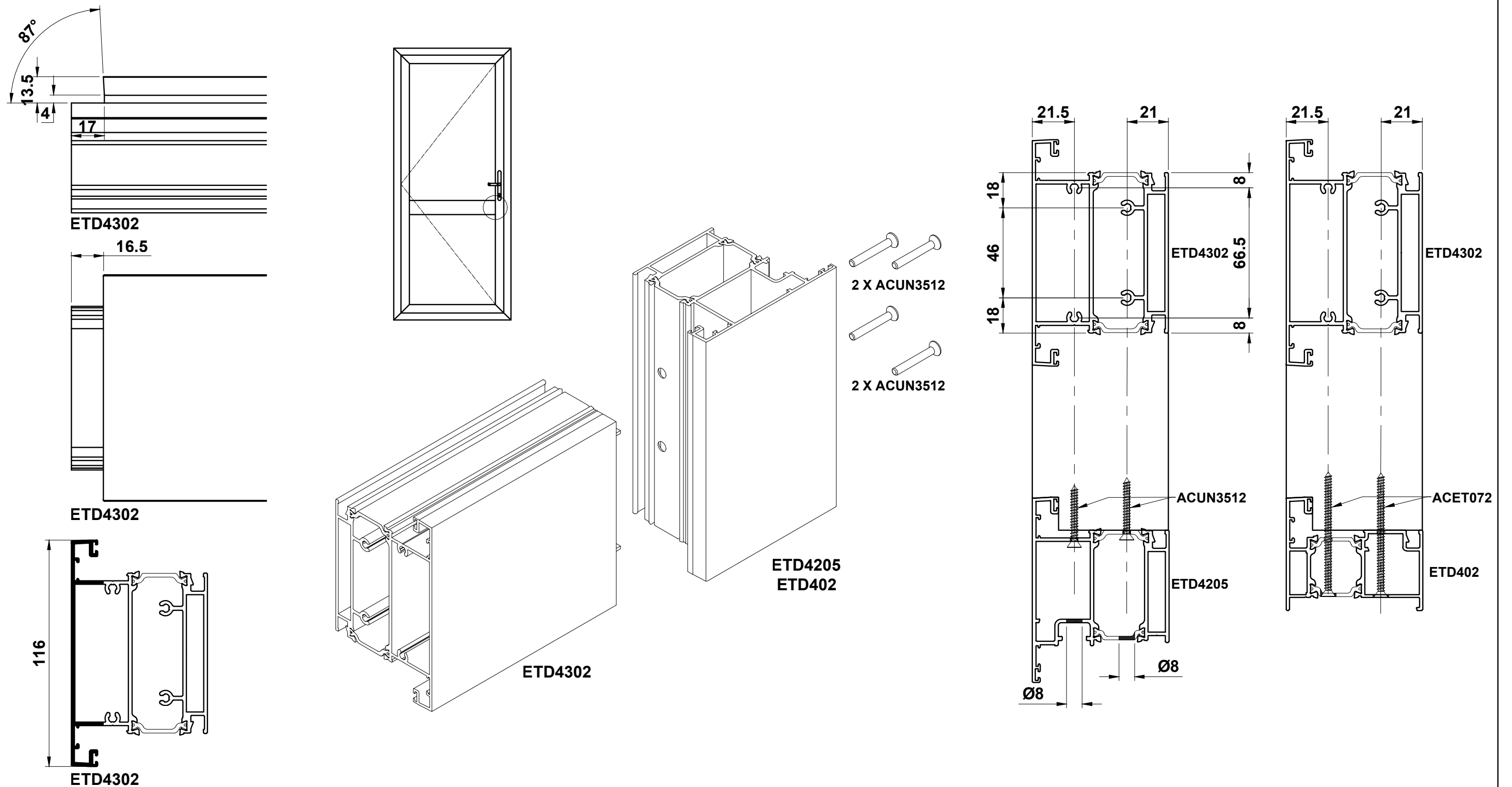
## Sub Cill Drainage

**Important Note:** All exposed aluminium should be coated using ACSIL014 or painted to match the frame.



Do Not Scale From This Drawing

ETD4302 Midrail Assembly

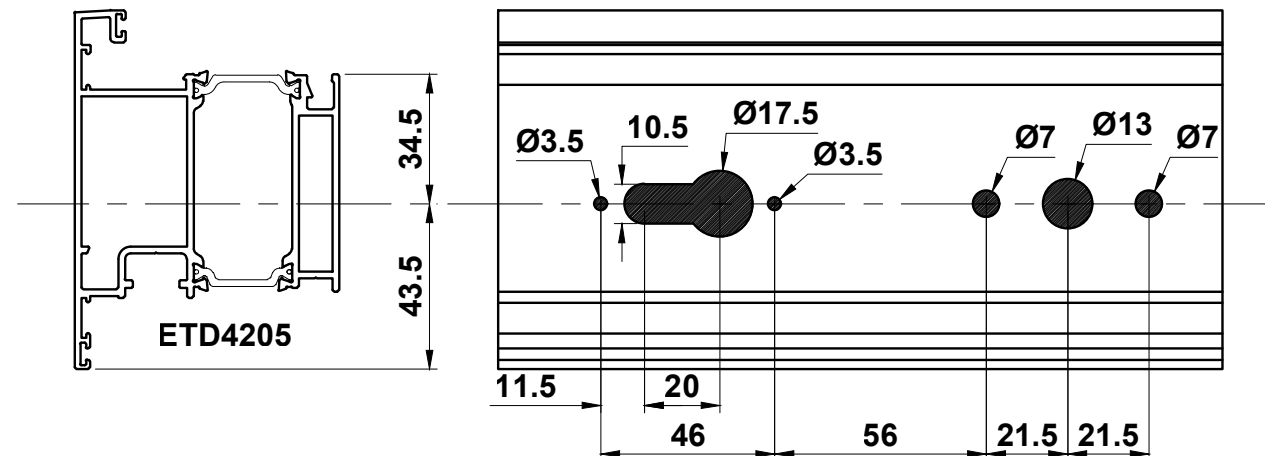
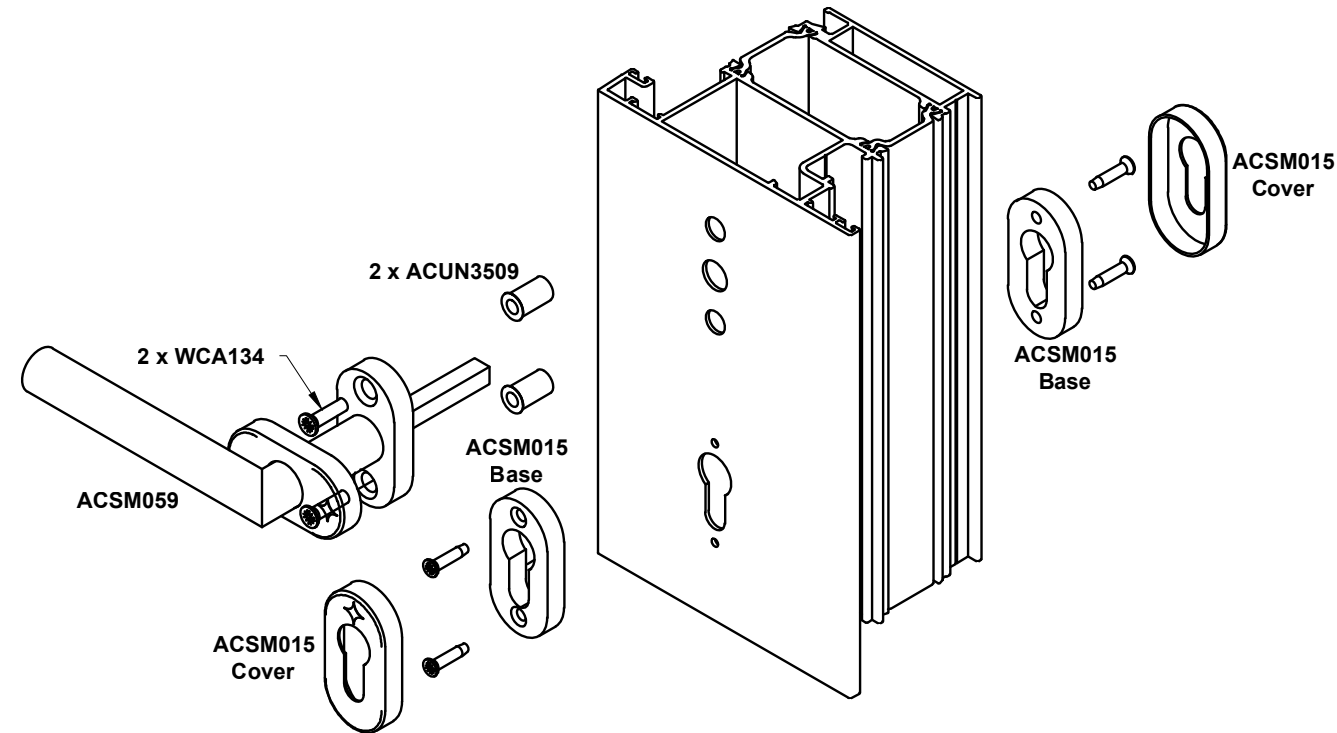


Do Not Scale From This Drawing

## Stainless Steel Hardware - ACSM013, ACSM015, ACSM058 & ACSM059 Fitting Detail

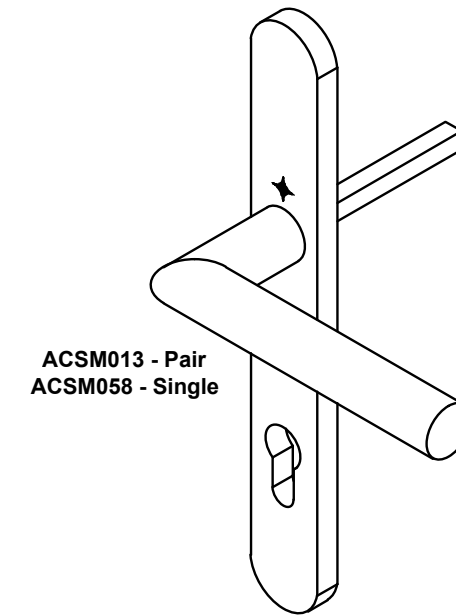
**Please Note:**

ACSM059 is compatible with slam locks and key operated locks only.  
Slam locks must not have an external lever handle.



**Please Note:**

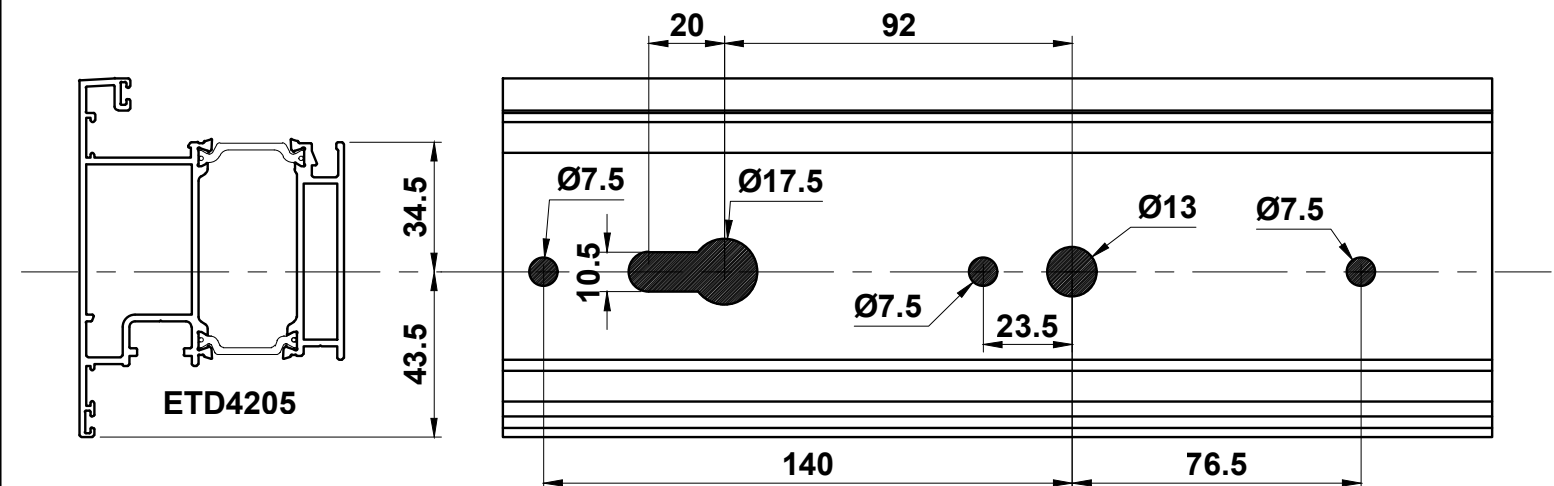
ACSM058 is compatible with all locks.  
Slam locks must not have an external lever handle therefore require WCA134 & ACUN3509 for single side fixing and the spindle will need to be cut down.



**Important Note:** All exposed aluminium should be coated using ACSIL014 or painted to match the frame.

**Please Note:**

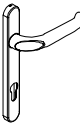
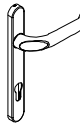
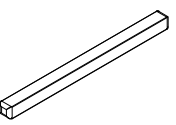
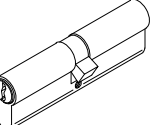
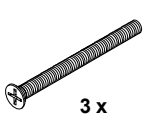
ACSM013SS pack contains;  
2 x Universal Backplate & Lever  
2 x Cover Plate  
2 x Bolt Receiver Sleeve  
2 x 40mm M5 Machine Screws  
2 X 60mm M5 Machine Screws  
1 x 3mm Allen Key  
1 x 170mm Spindle



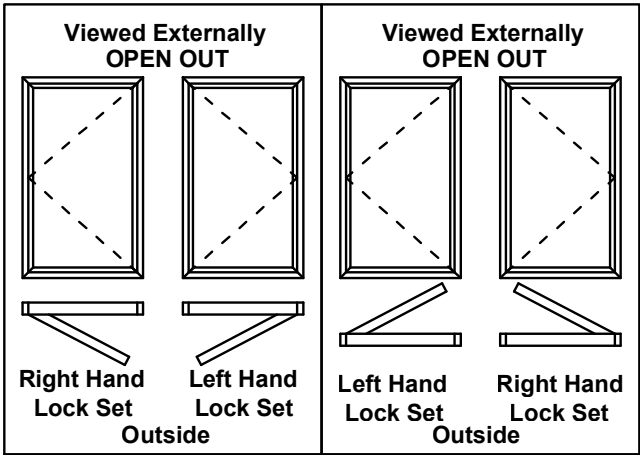
Do Not Scale From This Drawing

Door Locking & SZ Hardware Options

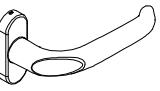
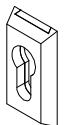
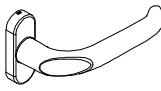
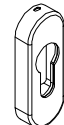
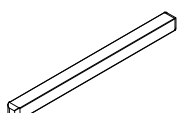
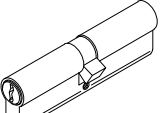
Handle With Large Backplate Guide

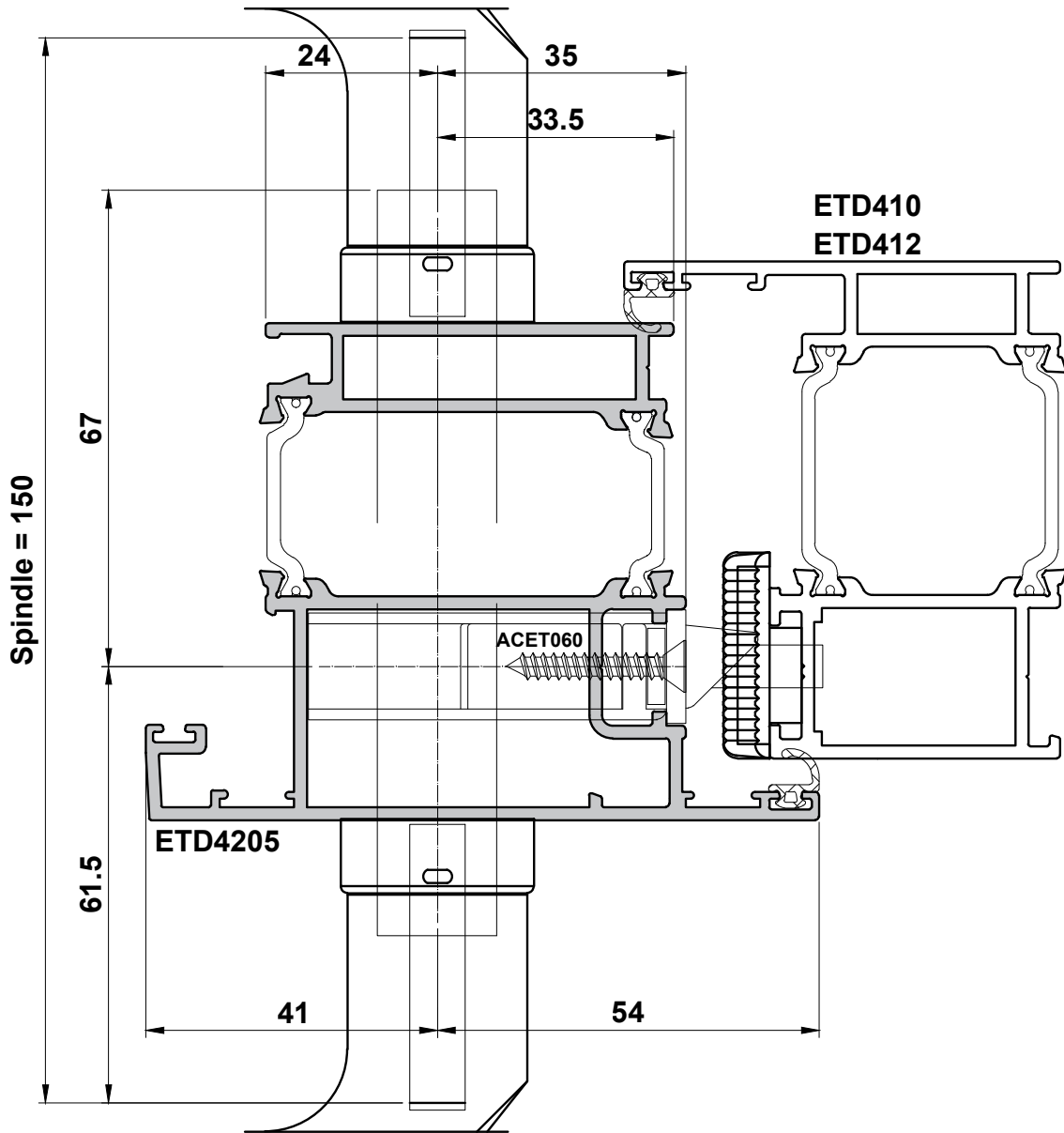
| Ext. Handle                                                                               | Int. Handle                                                                               | Spindle                                                                           | Cylinder                                                                          | Screw                                                                                  |
|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
|          |          |  |  |  3 x |
| ACSZ800  | ACSZ801  | ACMX409Sq.<br>Spindle 150mm                                                       | ACCY0035<br>Half Cylinder                                                         | ACMX861<br>M5 x 75mm                                                                   |
|                                                                                           | ACSZ803  |                                                                                   |                                                                                   |                                                                                        |
|                                                                                           | ACSZ830  |                                                                                   | ACCY3560S3<br>35/60 Cylinder                                                      |                                                                                        |
| ACSZ802  | ACSZ803  | ACMX008<br>Sq. Spindle 60mm                                                       | ACCY3560S3<br>35/60 Cylinder                                                      | ACVS061<br>M5 x 40mm                                                                   |
| ACSZ400<br>+<br>2 x ACVS061                                                               | ACSZ830  |                                                                                   |                                                                                   |                                                                                        |

Keep Handing Guide



Handle with Small Backplate Guide

| Ext. Handle                                                                                 | Ext. Escutcheon                                                                     | Int. Handle                                                                                 | Int. Escutcheon                                                                     | Spindle                                                                              | Cylinder                                                                              | Screw                                                                                 | Rivnuts                                                                               |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|          |  |          |  |  |  |  |  |
| ACSZ837  | ACSZ400                                                                             | ACSZ836  | ACSZ839                                                                             | ACMX409Sq.<br>Spindle 150mm                                                          | ACCY3560S3<br>ACCY0035                                                                | WCA134<br>M5 x 20mm                                                                   | ACUN3509<br>M5                                                                        |
|                                                                                             | ACSZ400                                                                             |                                                                                             |                                                                                     | ACMX008<br>Sq. Spindle 60mm                                                          | ACCY3560S3<br>ACCY0035                                                                | WCA134<br>M5 x 20mm                                                                   | ACUN3509<br>M5                                                                        |
| ACSZ837  | ACSZ400                                                                             | ACSZ827  |                                                                                     | ACMX409Sq.<br>Spindle 150mm                                                          | ACCY3560S3<br>ACCY0035                                                                | WCA134<br>M5 x 20mm                                                                   | ACUN3509<br>M5                                                                        |

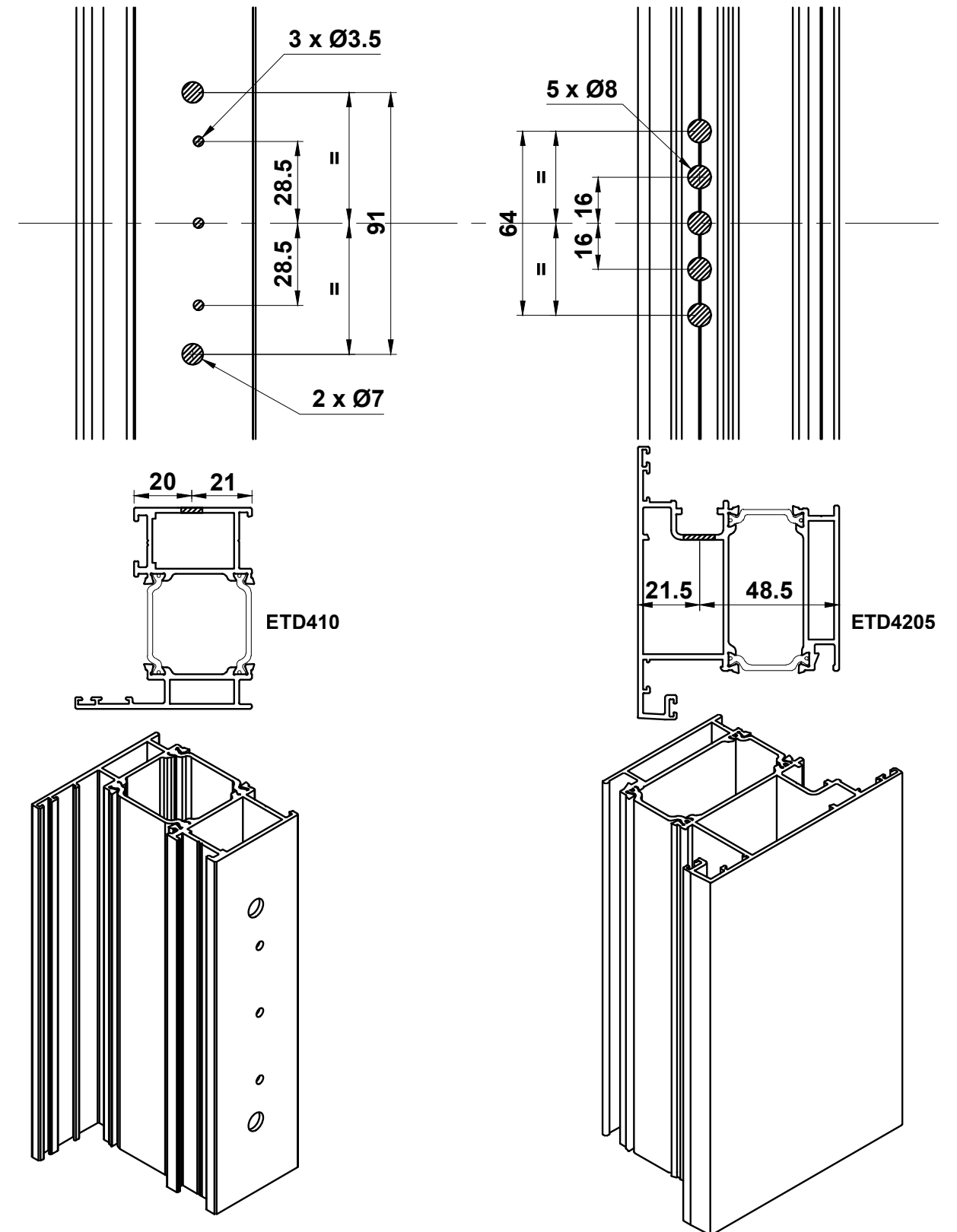
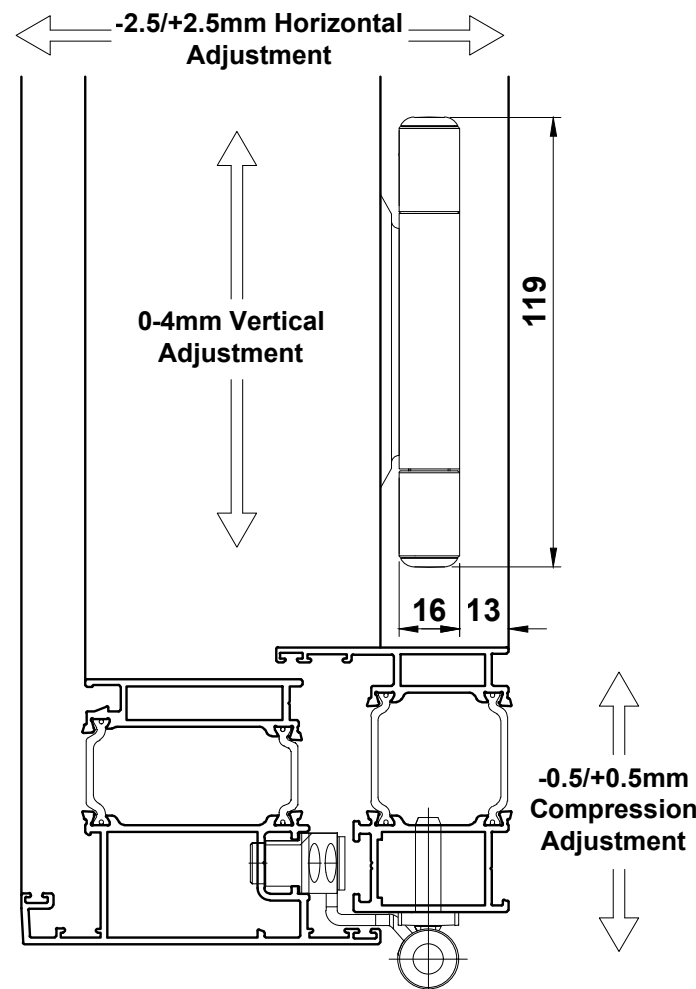
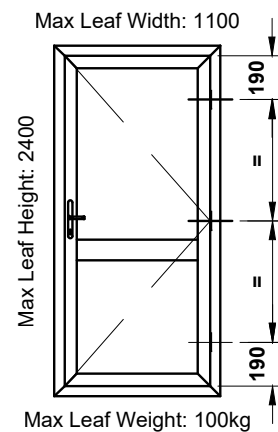


-  With Cylinder
-  Without Cylinder
-  T Handle With Cylinder
-  T Handle Without Cylinder

Note:  
Please check kitemark for all  
suitable hardware to achieve PAS24.

Do Not Scale From This Drawing

## ACUL250 Hinge Preparation



### Fitting Instructions:

(Full instructions are supplied with each ACUL250 Hinge)

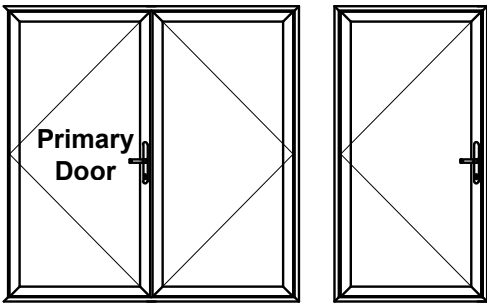
1. Align outer frame and sash in correct position
2. Clamp drill jig ACUL950 over the centre line of the hinge
3. Drill through all bushes marked '1' with a Ø7.2mm drill bit (supplied) and through all bushes marked '2' with a Ø3.5mm drill bit (not supplied)
4. Fasten the sash plate using ACIM062
5. Fasten the frame plate using ACUN3512 screws ensuring the grub screws are positioned towards the door sash
6. Drive in the central barrel until it lines up with the rings on the frame plate
7. Drive in pin 'B' to the top of the hinge and then drive in pin 'A' to the bottom of the hinge
8. Open the door and lightly tighten the security screws
9. Adjust hinge as required then insert caps and cover caps.

Do Not Scale From This Drawing



Lock Overview of Single and Double Doors

Finger Bolt Locking Options



Single & Primary Door Lock Selection

| Overall Sash Height  | Lift Lever |         | Slam Lock |         | Key Wind |         |
|----------------------|------------|---------|-----------|---------|----------|---------|
|                      | Left       | Right   | Left      | Right   | Left     | Right   |
| 2030-2230 (Standard) | ACUL272    | ACUL273 | ACUL280   | ACUL281 | ACUL282  | ACUL283 |
| 1820-2029 (Short)    | ACUL377    | ACUL378 | ACUL360   | ACUL361 | ACUL362  | ACUL363 |
| 2231-2450* (Tall)    | ACUL374    | ACUL375 | ACUL380   | ACUL381 | ACUL382  | ACUL383 |

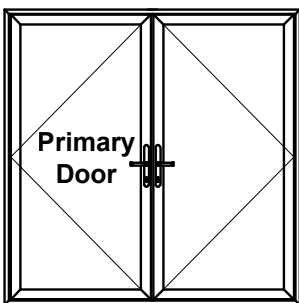
\*Any doors above 2450mm are above the tested limit.

Secondary Door Accessory Selection

| 35mm Backset Shootbolt Adaptor                                                      | Bottom 10mm Dia Rod | Top 10mm Dia Rod |                  | Keep                 | Shootbolt Guide      |
|-------------------------------------------------------------------------------------|---------------------|------------------|------------------|----------------------|----------------------|
|                                                                                     |                     | Overall Size     | Rod Part No.     |                      |                      |
|  | ACPD846 (1000mm)    | 1820 - 1923      | ACPD846 (1000mm) | ACUL390 (2 Required) | ACUL242 (2 Required) |
|                                                                                     |                     | 1923 - 2173      | ACPD847 (1250mm) |                      |                      |
|                                                                                     |                     | 2174 - 2323      | ACPD848 (1500mm) |                      |                      |
|                                                                                     |                     | 2323 - 2423*     | ACPD848 (1500mm) |                      |                      |

\*For doors above 2423mm, use ACPD849 (2000mm)

Lift Lever Locking Options



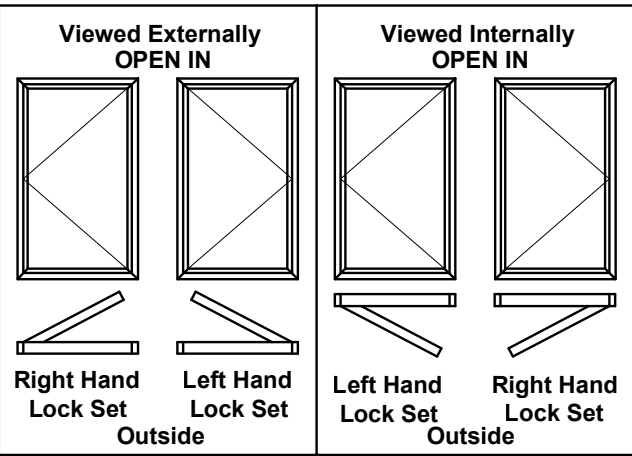
Double Handle Lift Lever Lock Option

| Overall Sash Height | Primary Door Lift Lever |         | Secondary Door Lift Lever | Double Door Keep | Shootbolts         | Shootbolt Extensions |
|---------------------|-------------------------|---------|---------------------------|------------------|--------------------|----------------------|
|                     | Left                    | Right   |                           |                  |                    |                      |
| 1885-2450*          | ACUL277                 | ACUL278 | ACUL276                   | ACUL279          | ACDV737<br>ACDV738 | ACDV742<br>ACDV744   |

\*Any doors above 2450mm are above the tested limit.

\*\*Please see page E80 for shootbolt layout.

Keep Handing Guide

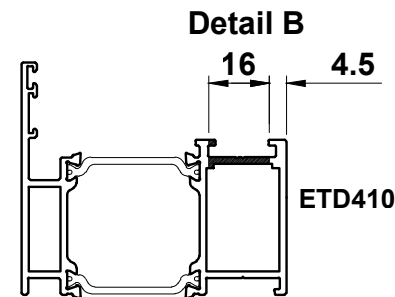
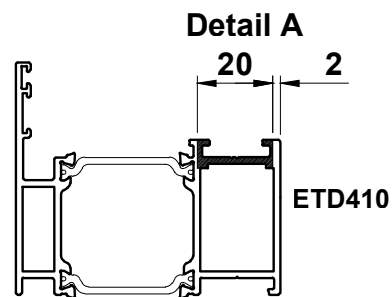
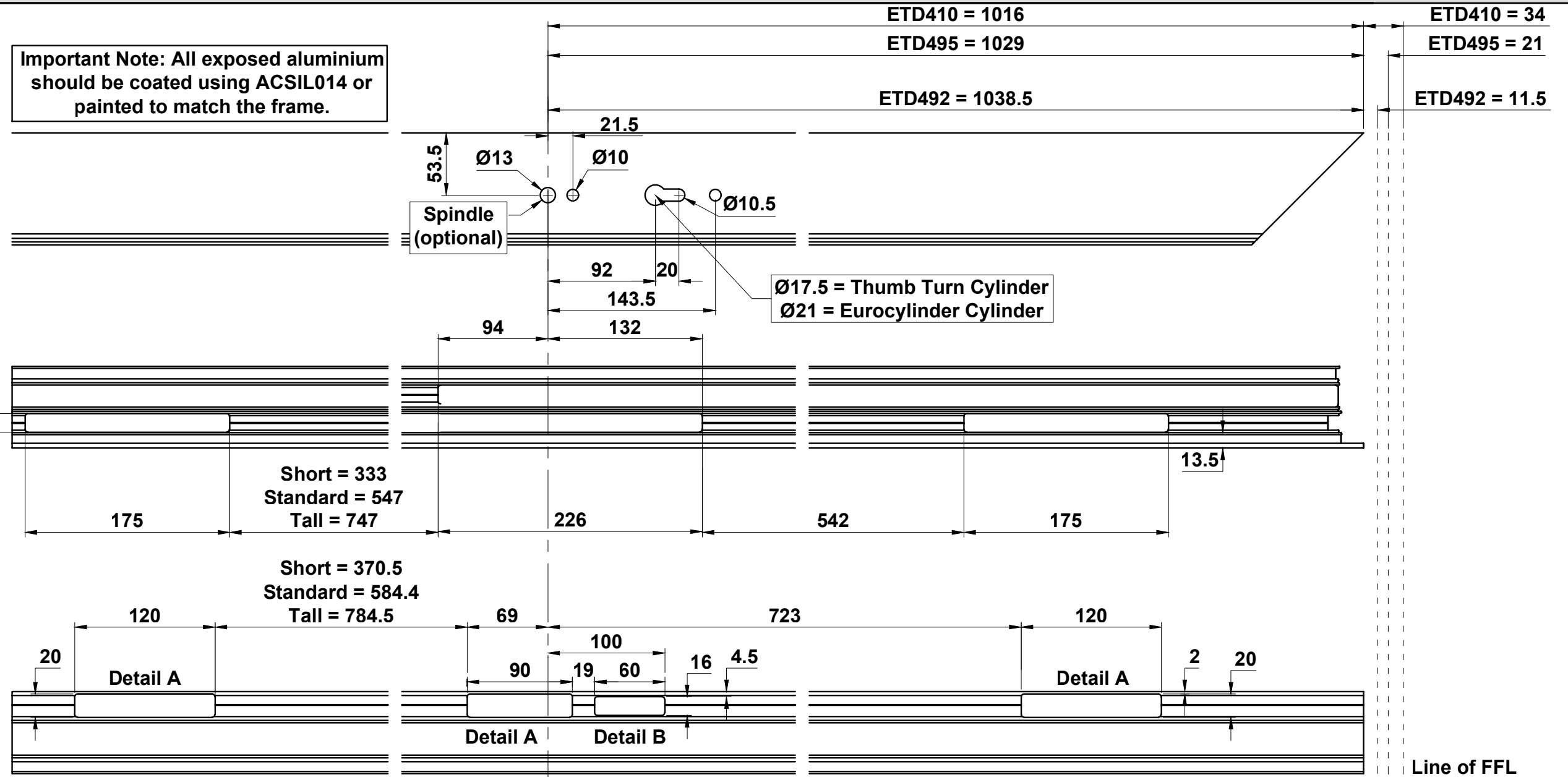
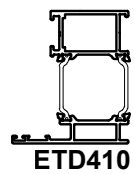
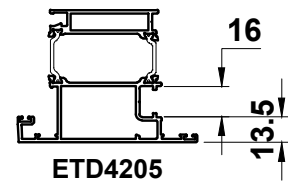
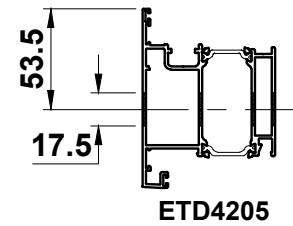


For ACUL267 & 268 Cam Lock Option Refer To Page E95

Do Not Scale From This Drawing

Single Door Lock Preparation

Important Note: All exposed aluminium should be coated using ACSIL014 or painted to match the frame.



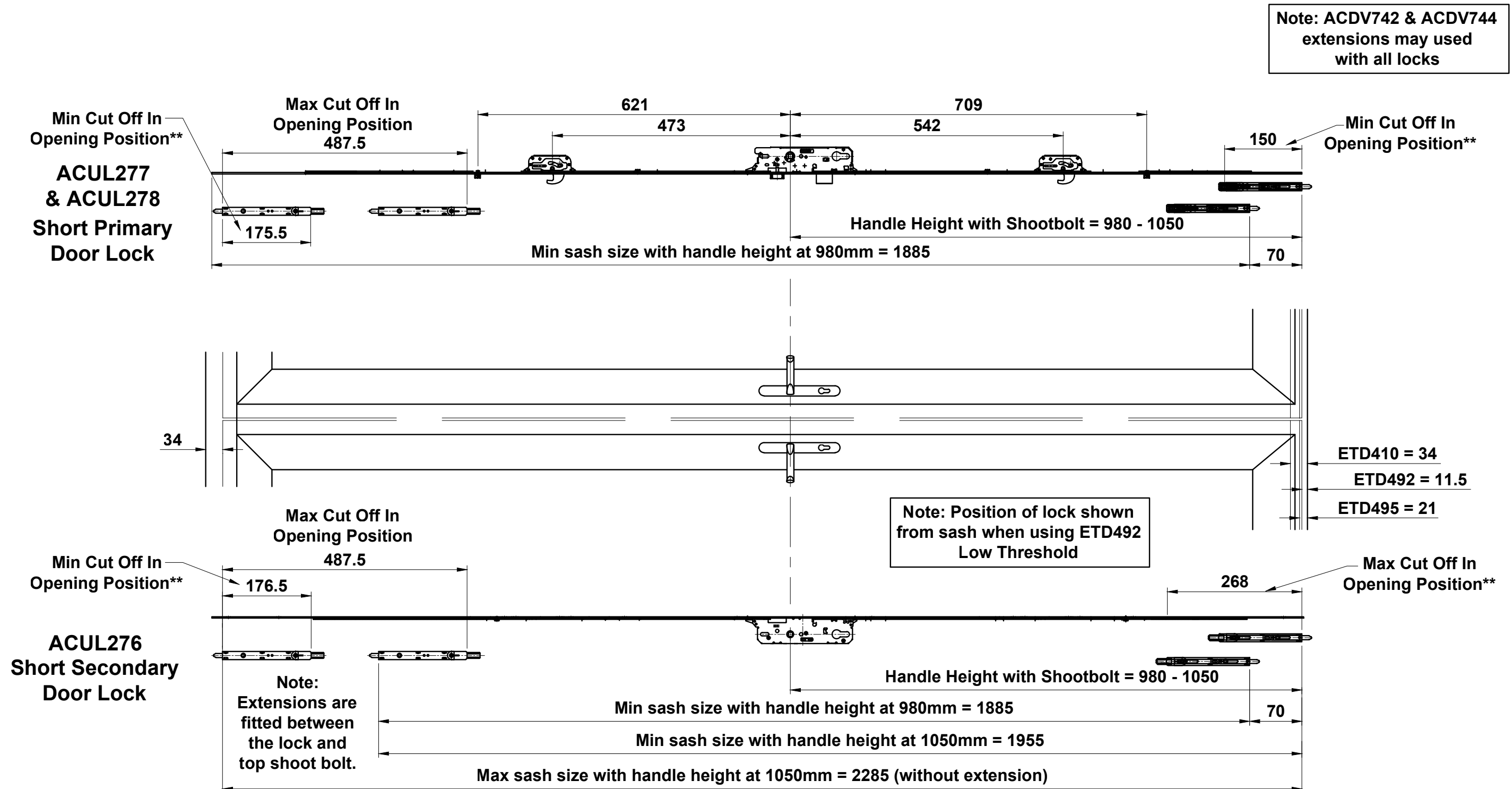
Lock Kits

|          | Slam Lock |            | Key Wind  |            | Lift Lever |            |
|----------|-----------|------------|-----------|------------|------------|------------|
| Height   | Left Hand | Right Hand | Left Hand | Right Hand | Left Hand  | Right Hand |
| Short    | ACUL360   | ACUL361    | ACUL362   | ACUL363    | ACUL377    | ACUL378    |
| Standard | ACUL280   | ACUL281    | ACUL282   | ACUL283    | ACUL272    | ACUL273    |
| Tall     | ACUL380   | ACUL381    | ACUL382   | ACUL383    | ACUL374    | ACUL375    |

Do Not Scale From This Drawing



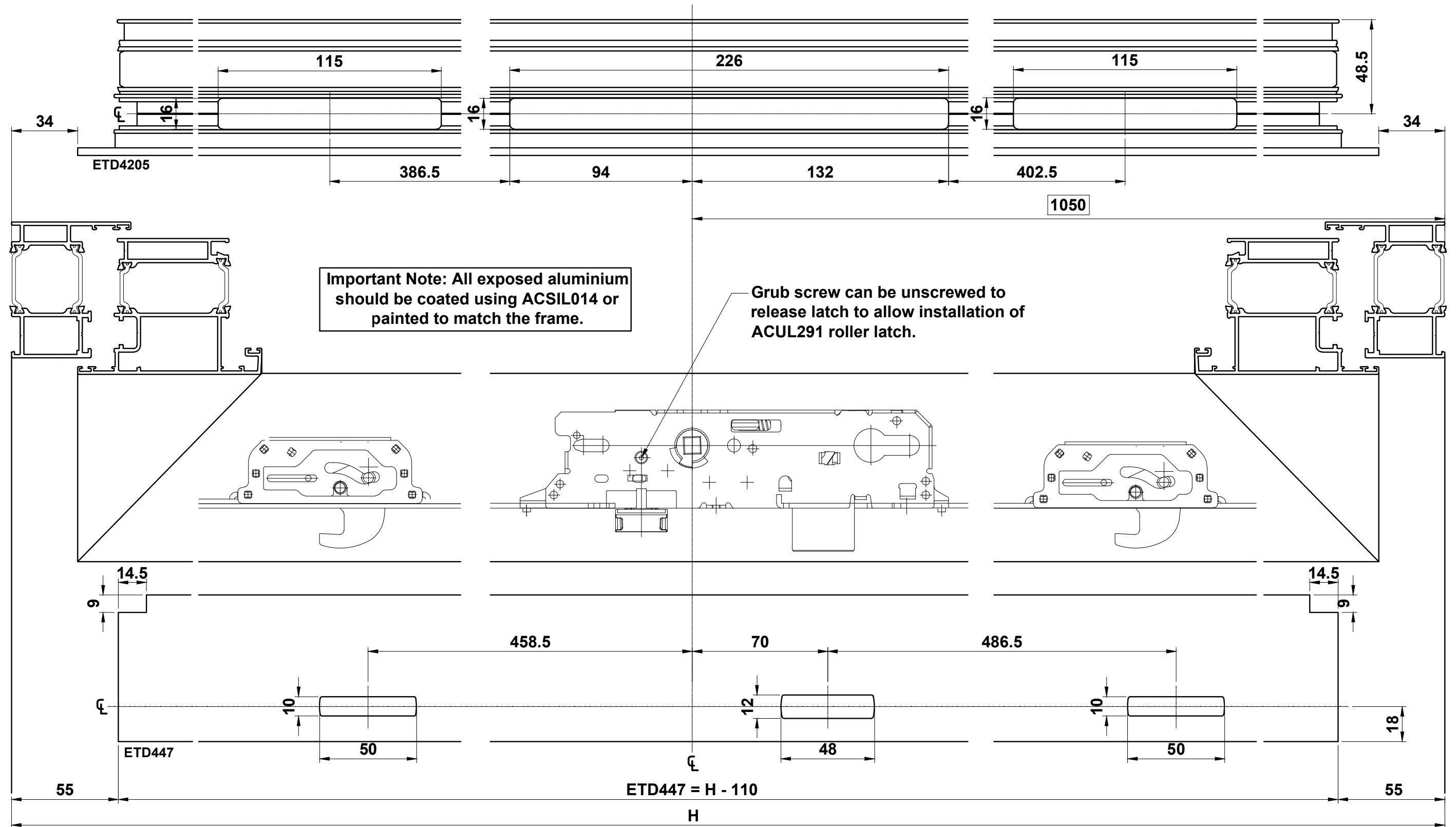
## Double Door Lift Lever Shootbolt Layout



\*Maximum sash height is 2500mm. Sizes shown here only indicate sizes with ACDV744.

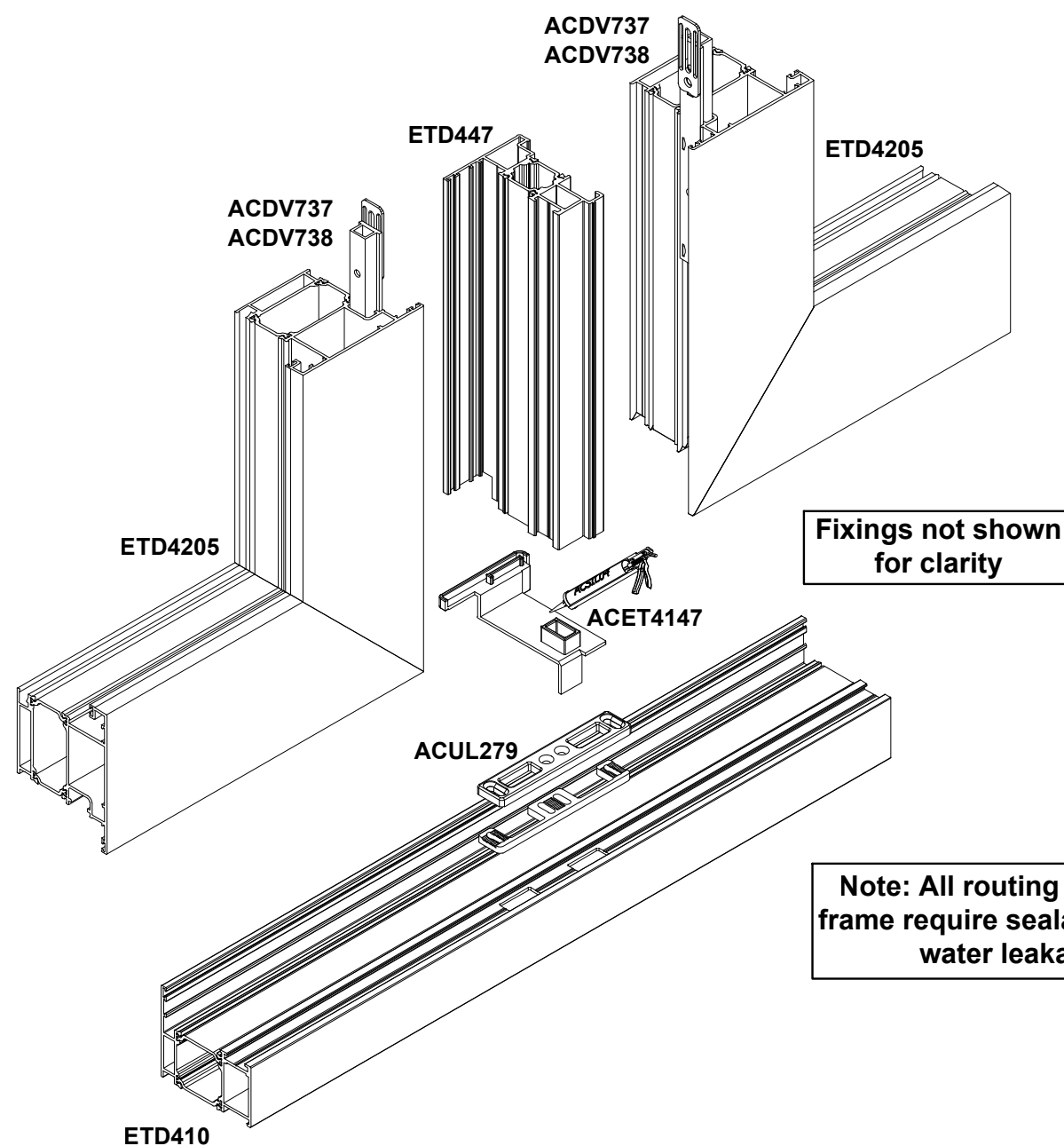
Do Not Scale From This Drawing

Double Door Lift Lever Lock Preparation for Full Frame

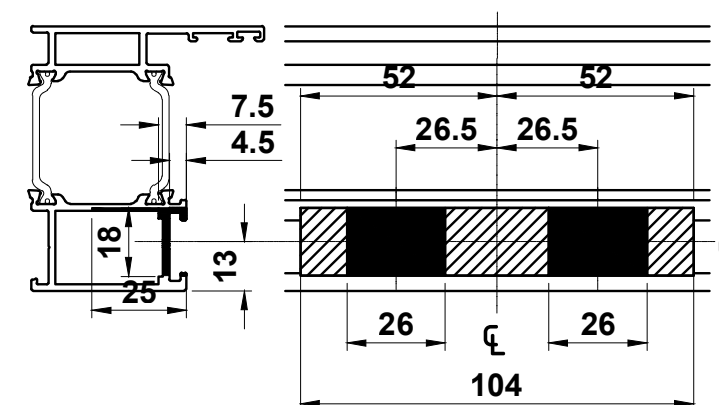
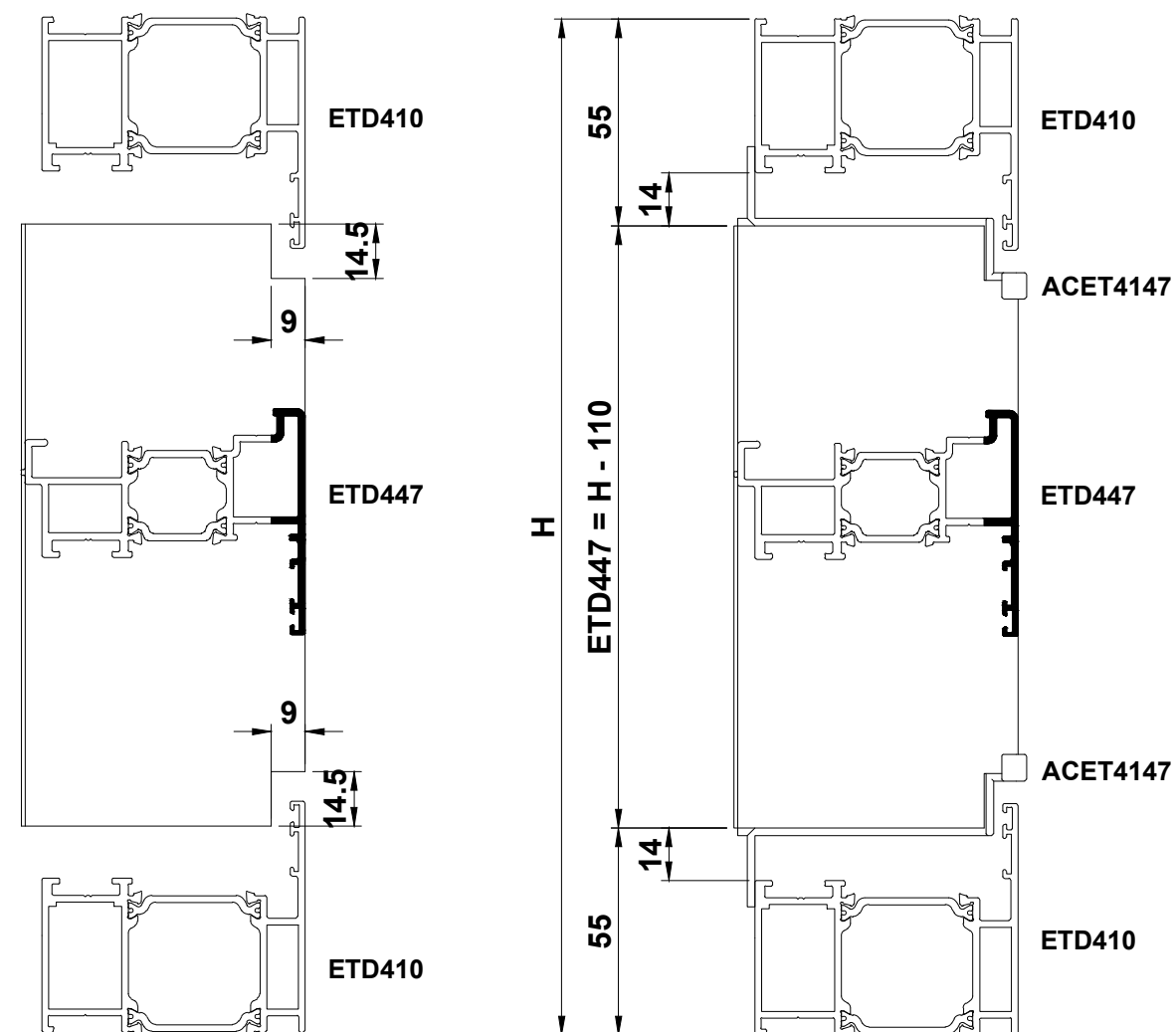


Do Not Scale From This Drawing

## Double Door Lift Lever Meeting Stile Assembly for Full Frame

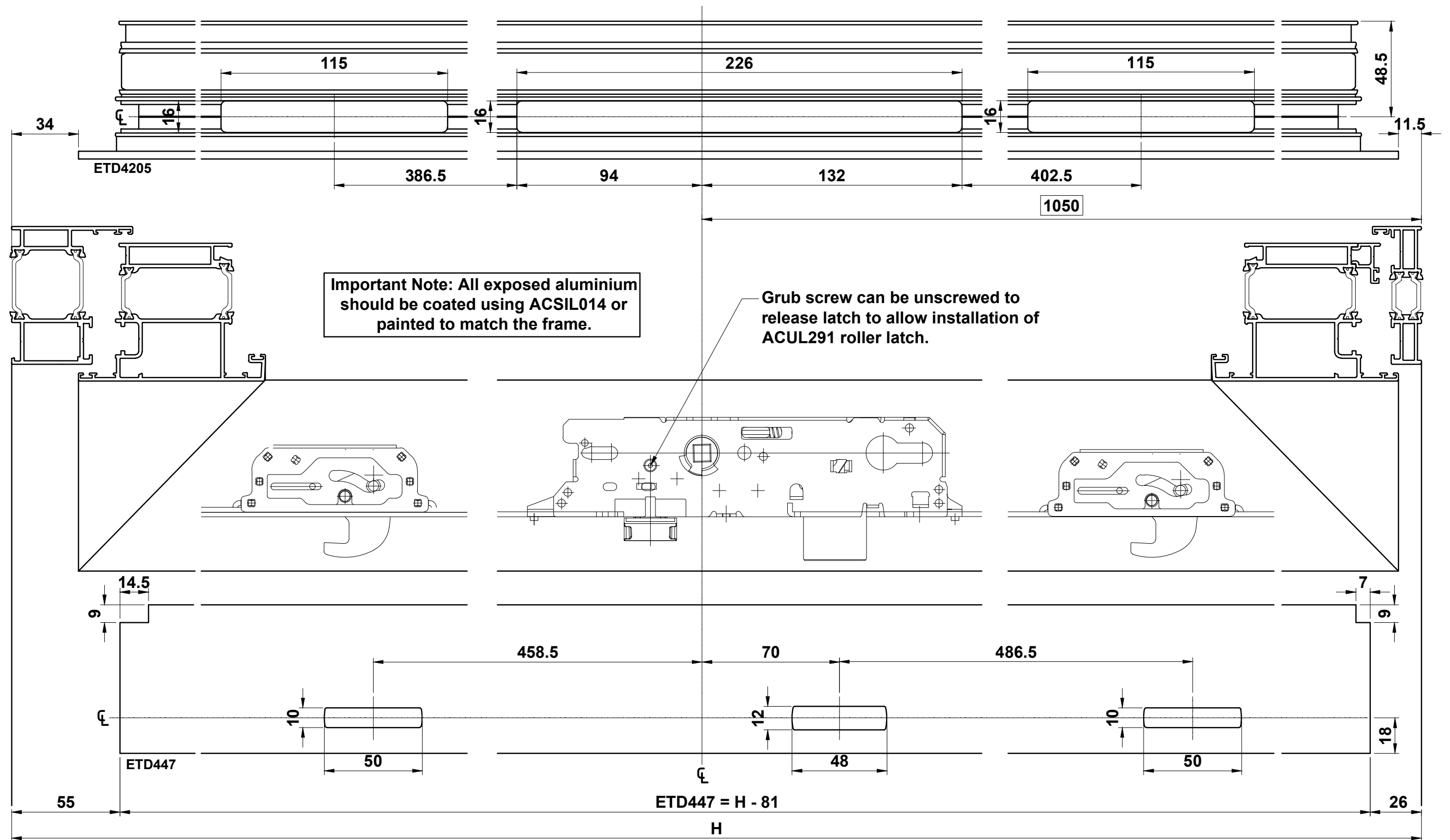


Note: All routing on outer frame require sealant to stop water leakage



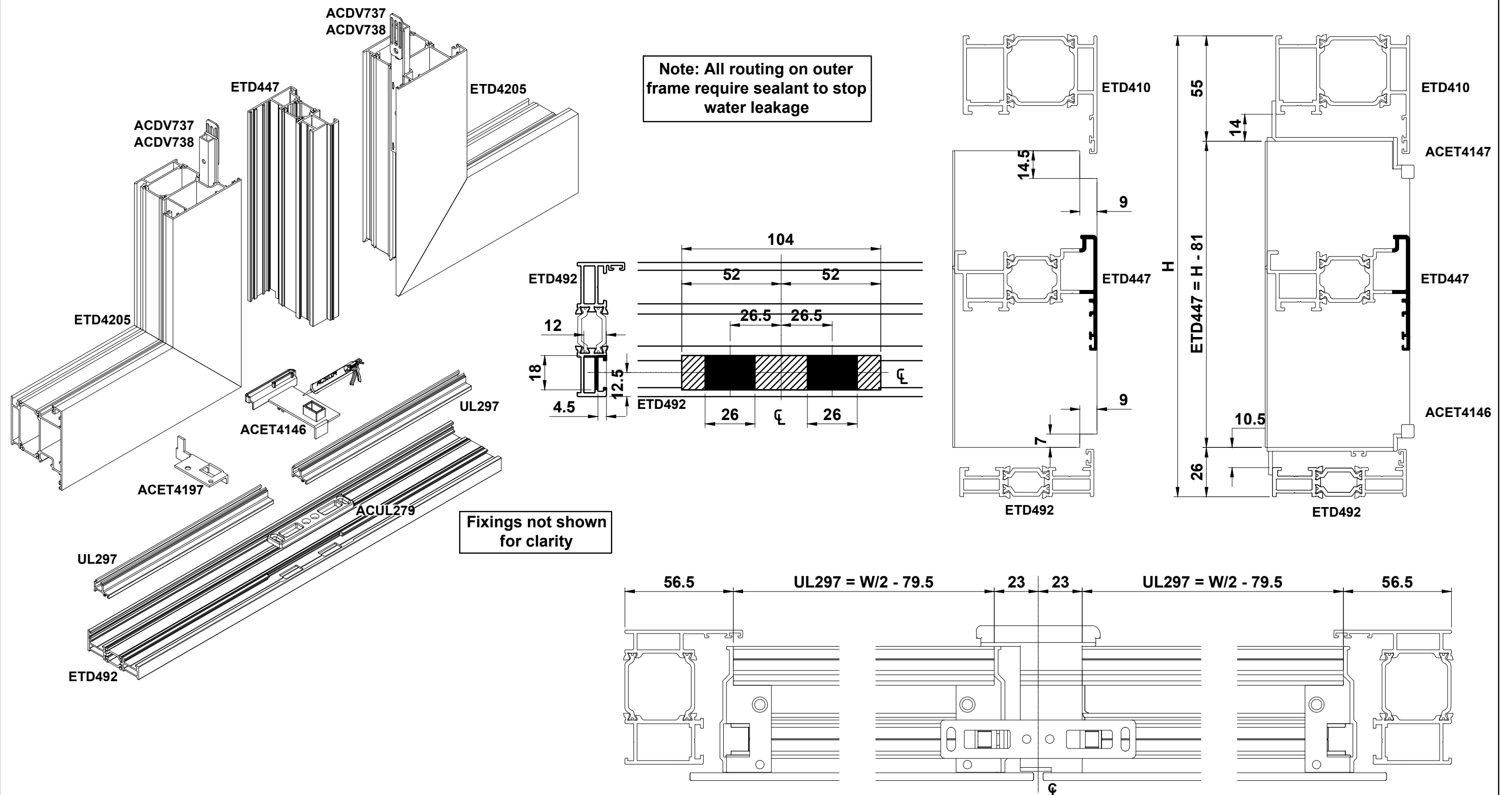
Do Not Scale From This Drawing

## Double Door Lift Lever Lock Preparation for Low Rebate Threshold



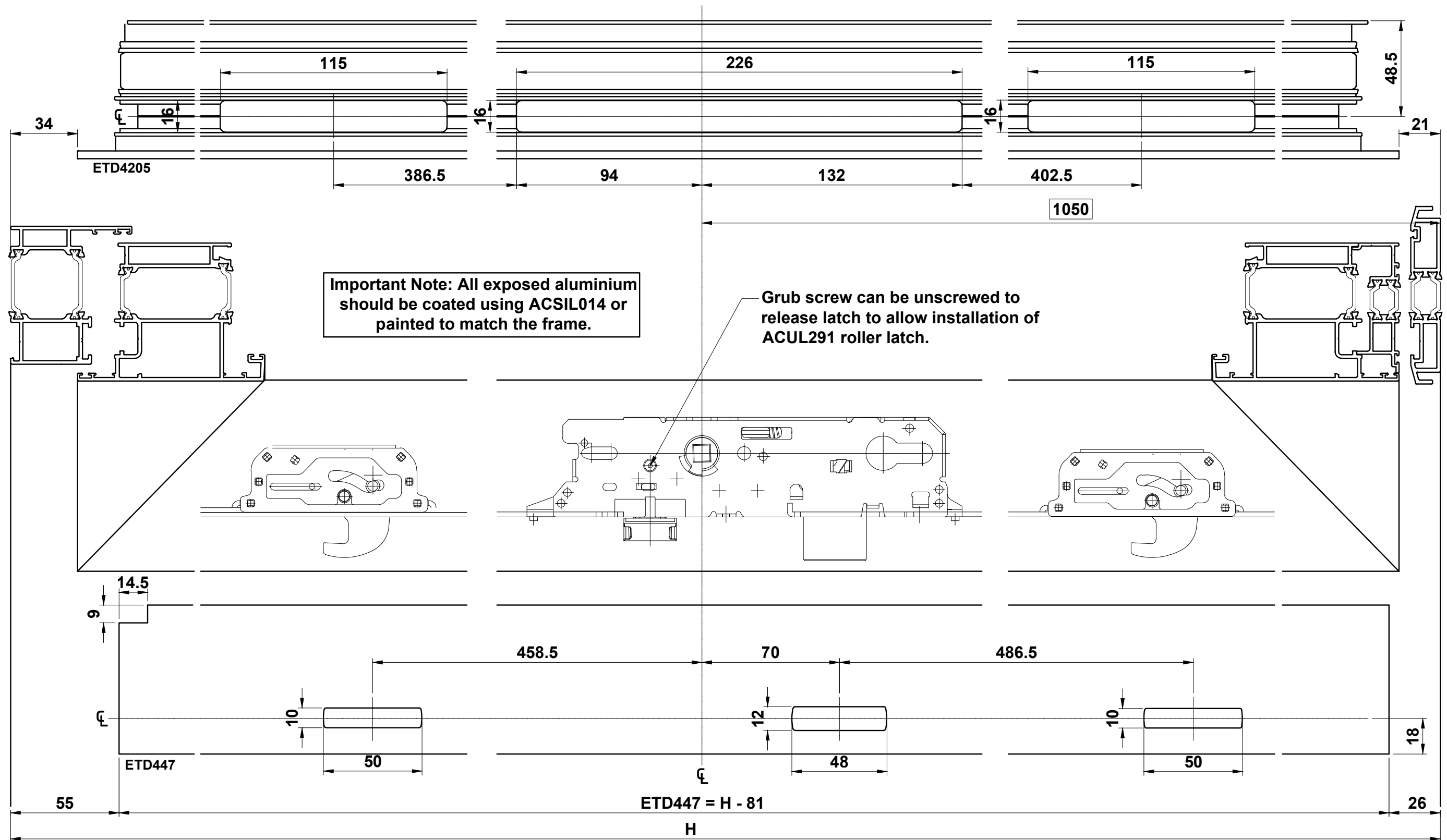
**Do Not Scale From This Drawing**

Double Door Lift Lever Meeting Stile Assembly for Low Rebate Threshold



Do Not Scale From This Drawing

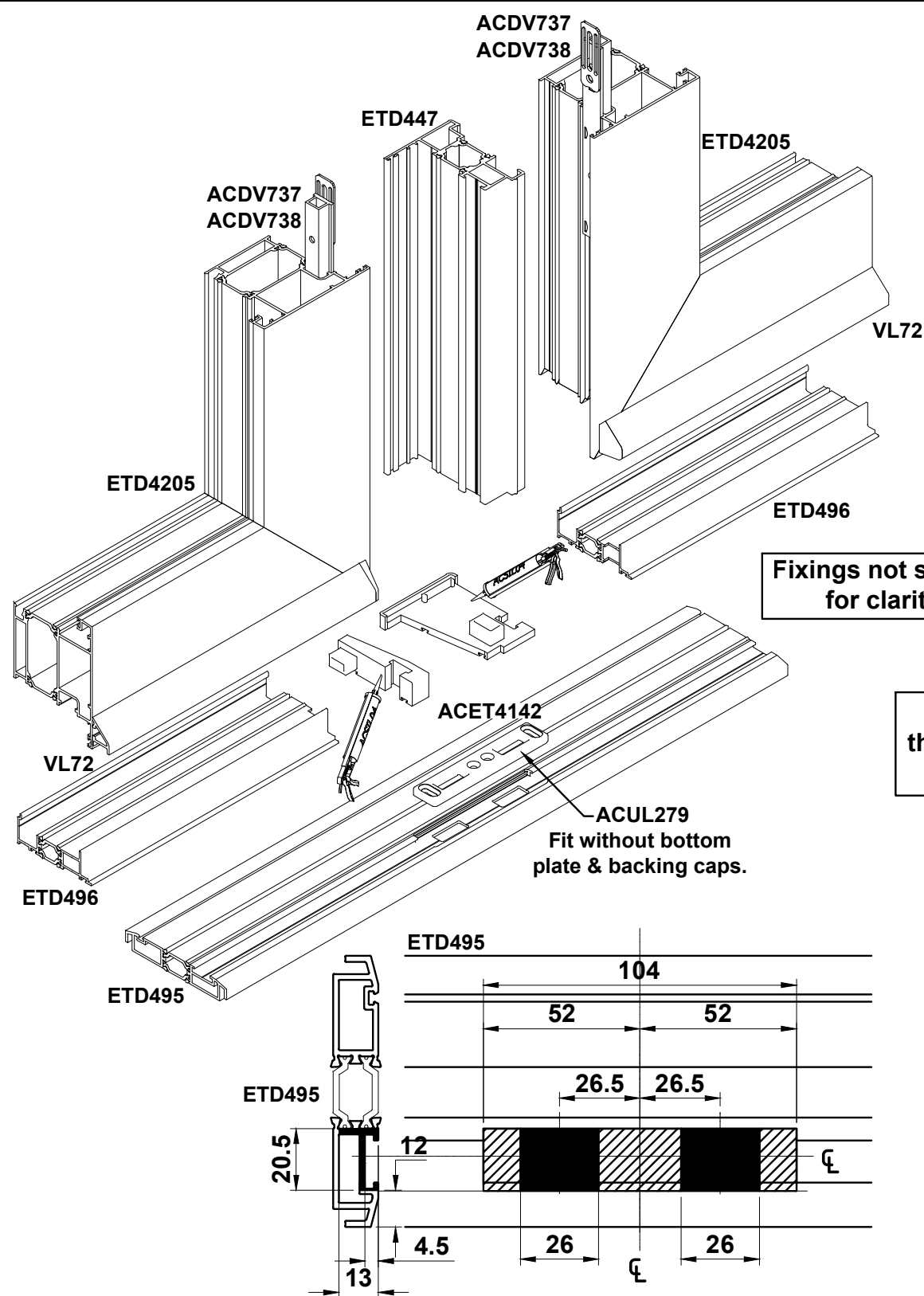
Double Door Lift Lever Lock Preparation for Low Ramp Threshold



Do Not Scale From This Drawing

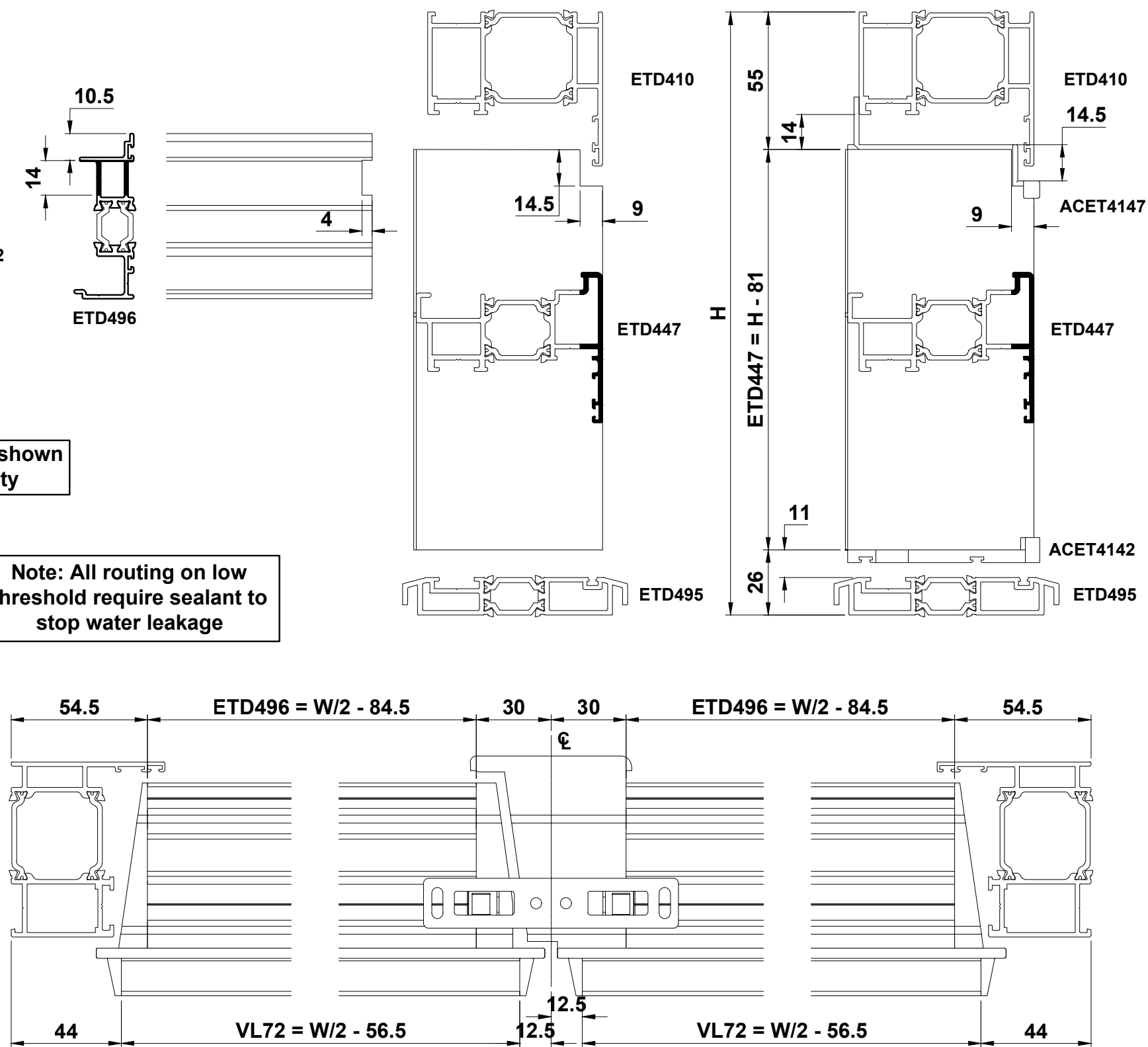


## Double Door Lift Lever Meeting Stile Assembly for Low Ramp Threshold



**Fixings not shown  
for clarity**

**Note: All routing on low threshold require sealant to stop water leakage**

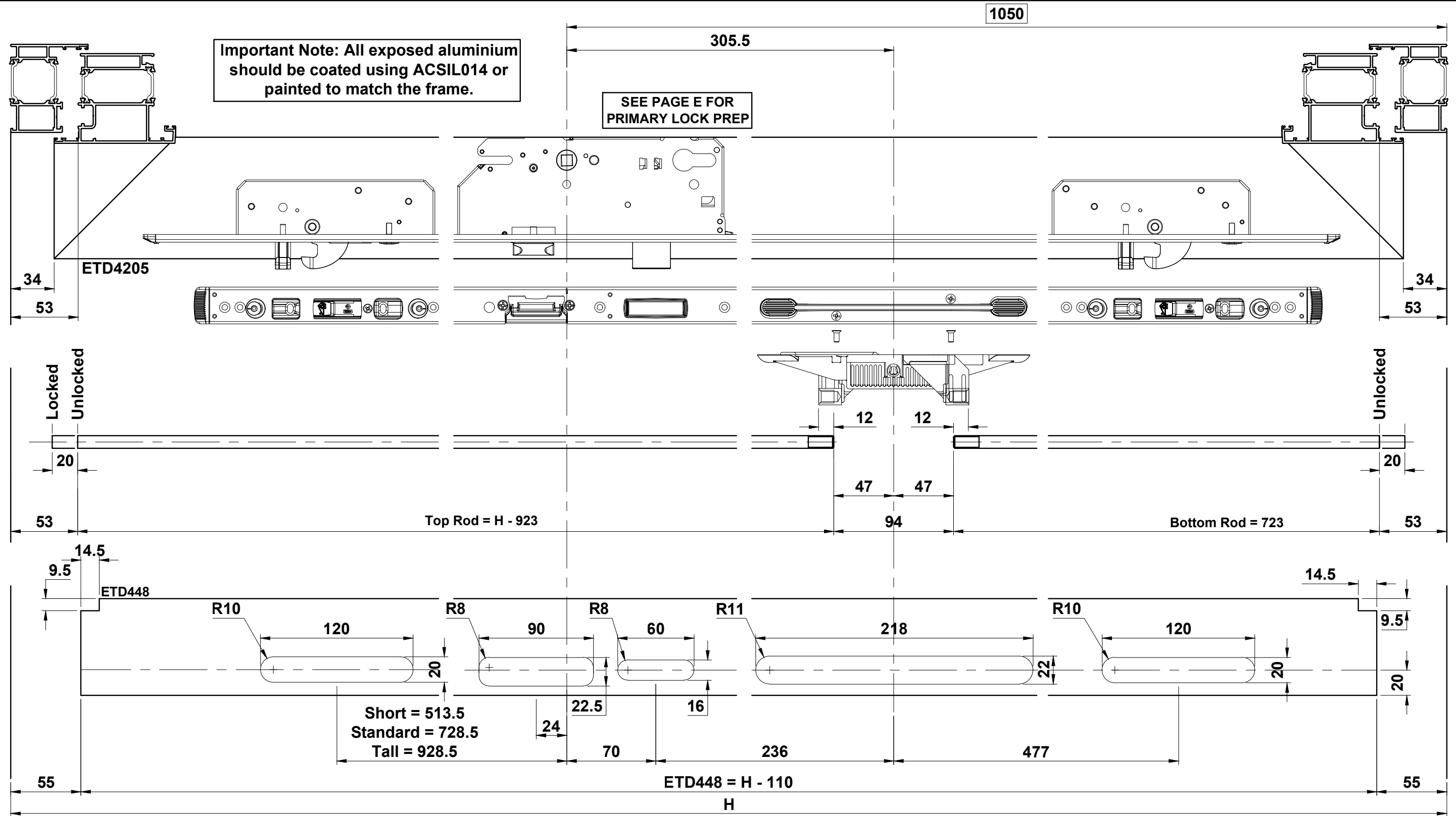


**Do Not Scale From This Drawing**

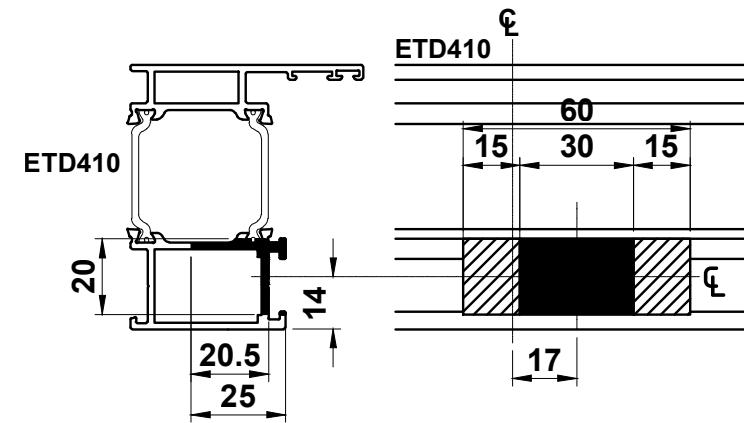
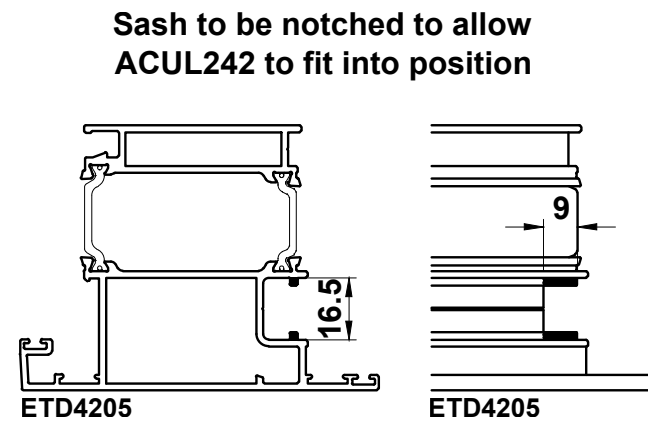
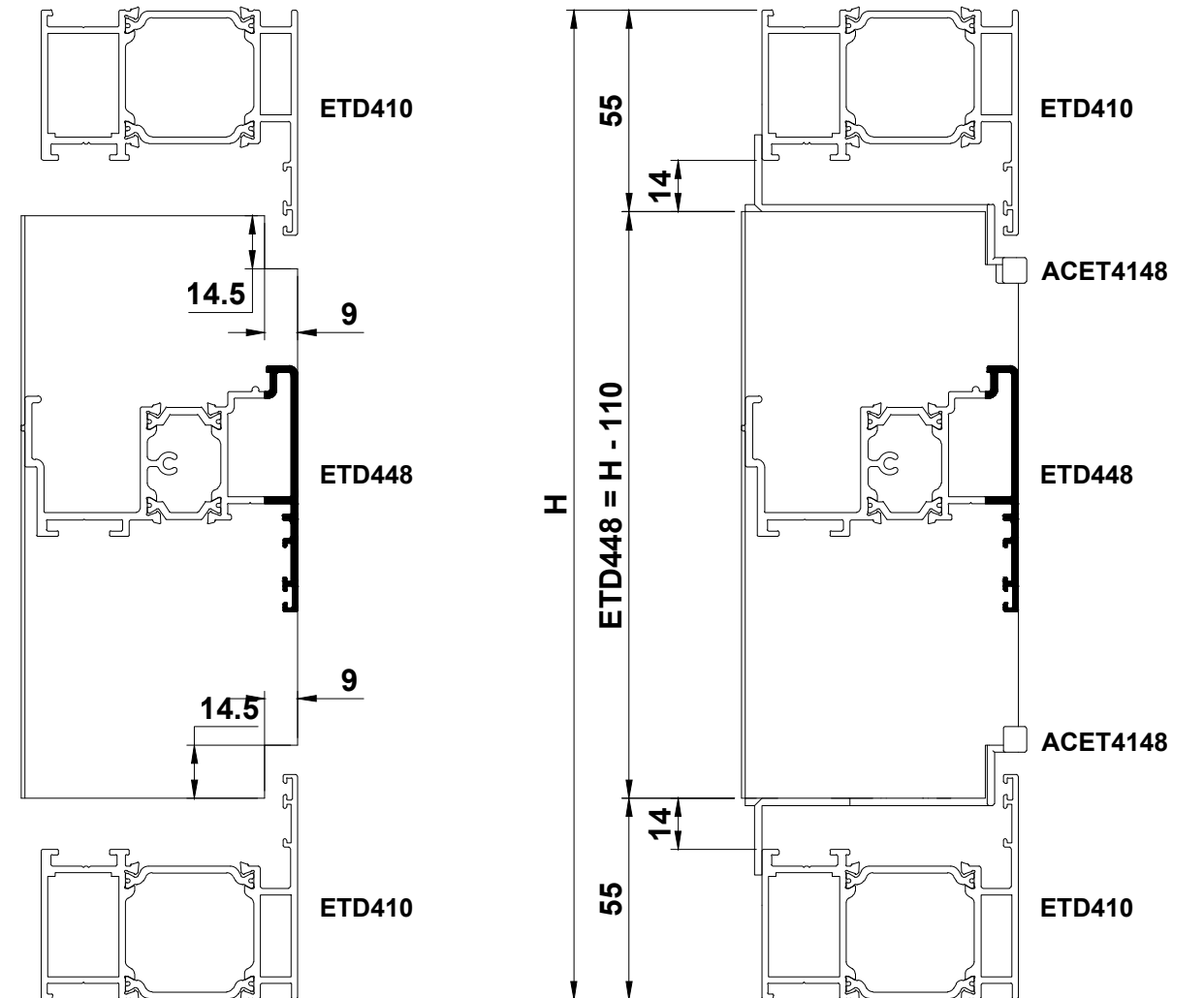
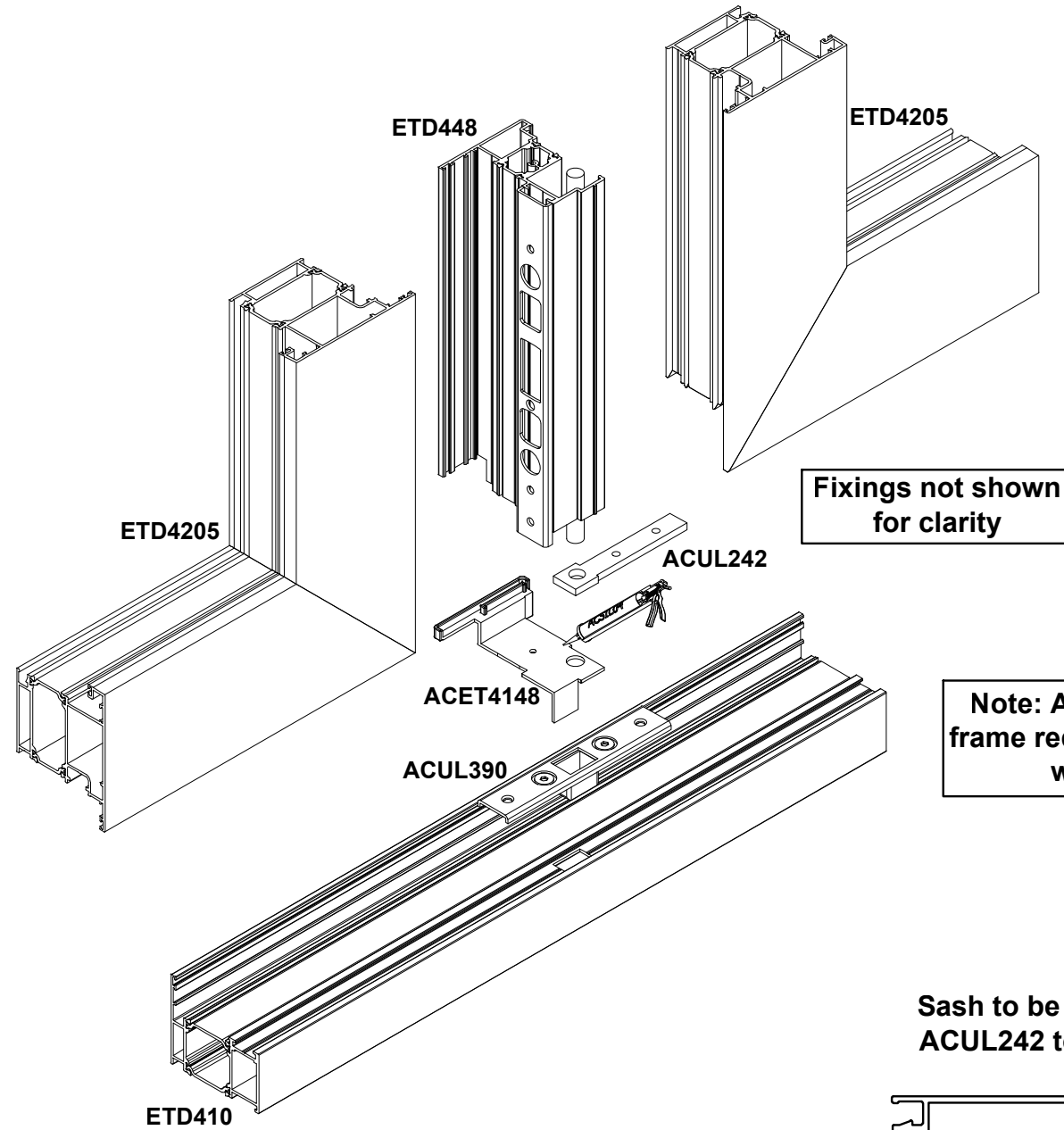




Double Door Finger Bolt Lock Preparation for Full Frame

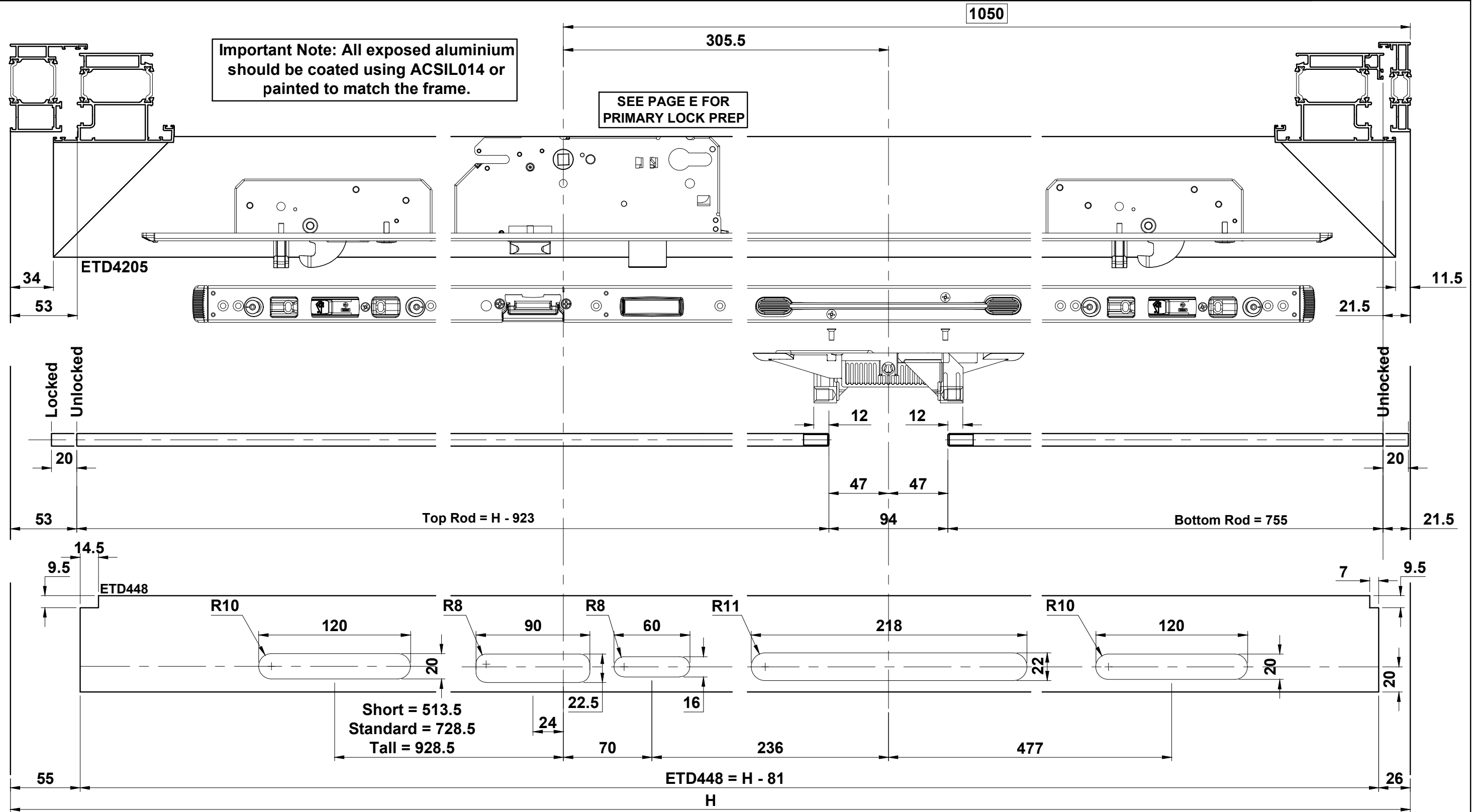


Double Door Finger Bolt Meeting Stile Assembly for Full Frame



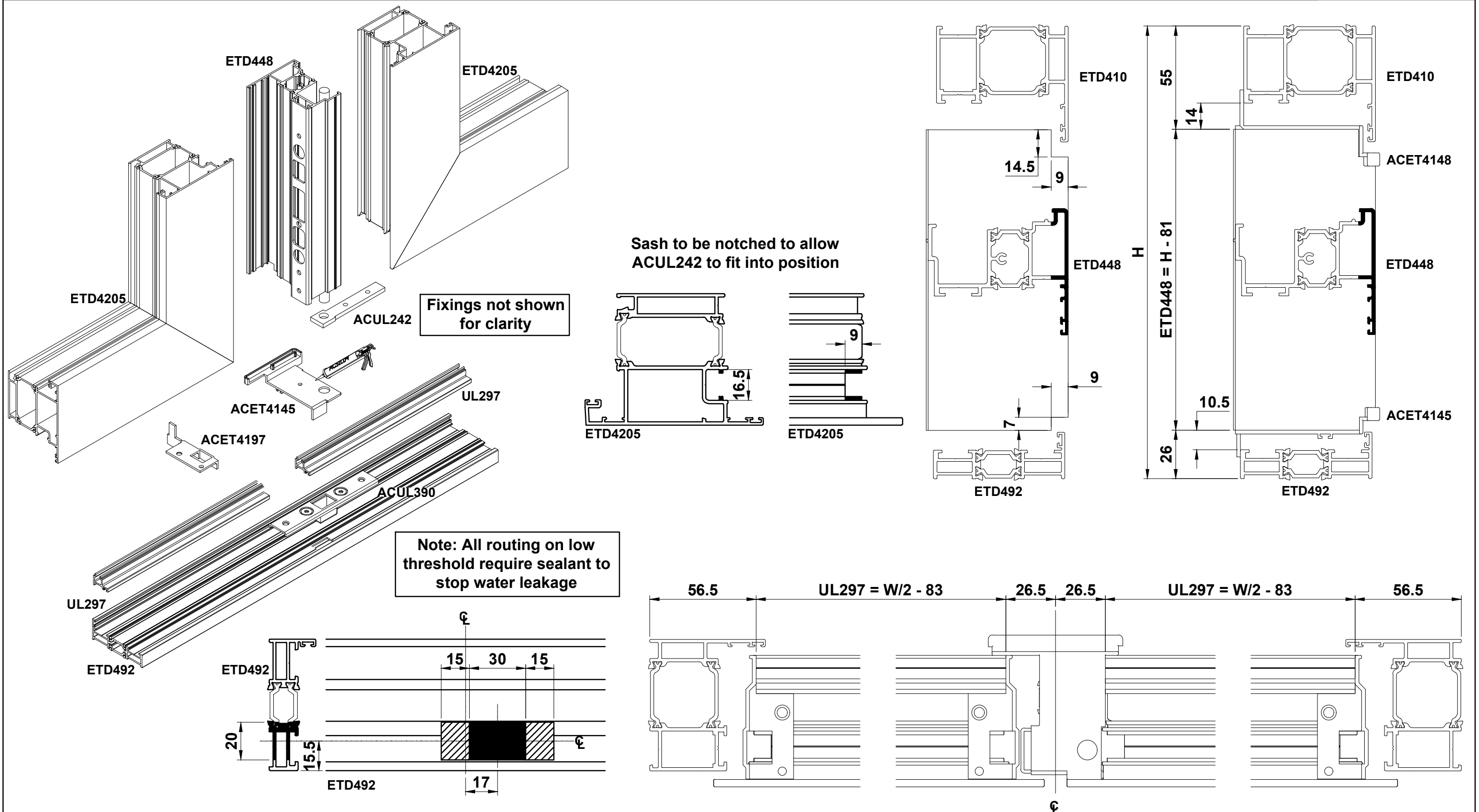
Do Not Scale From This Drawing

Double Door Finger Bolt Lock Preparation for Low Rebate Threshold



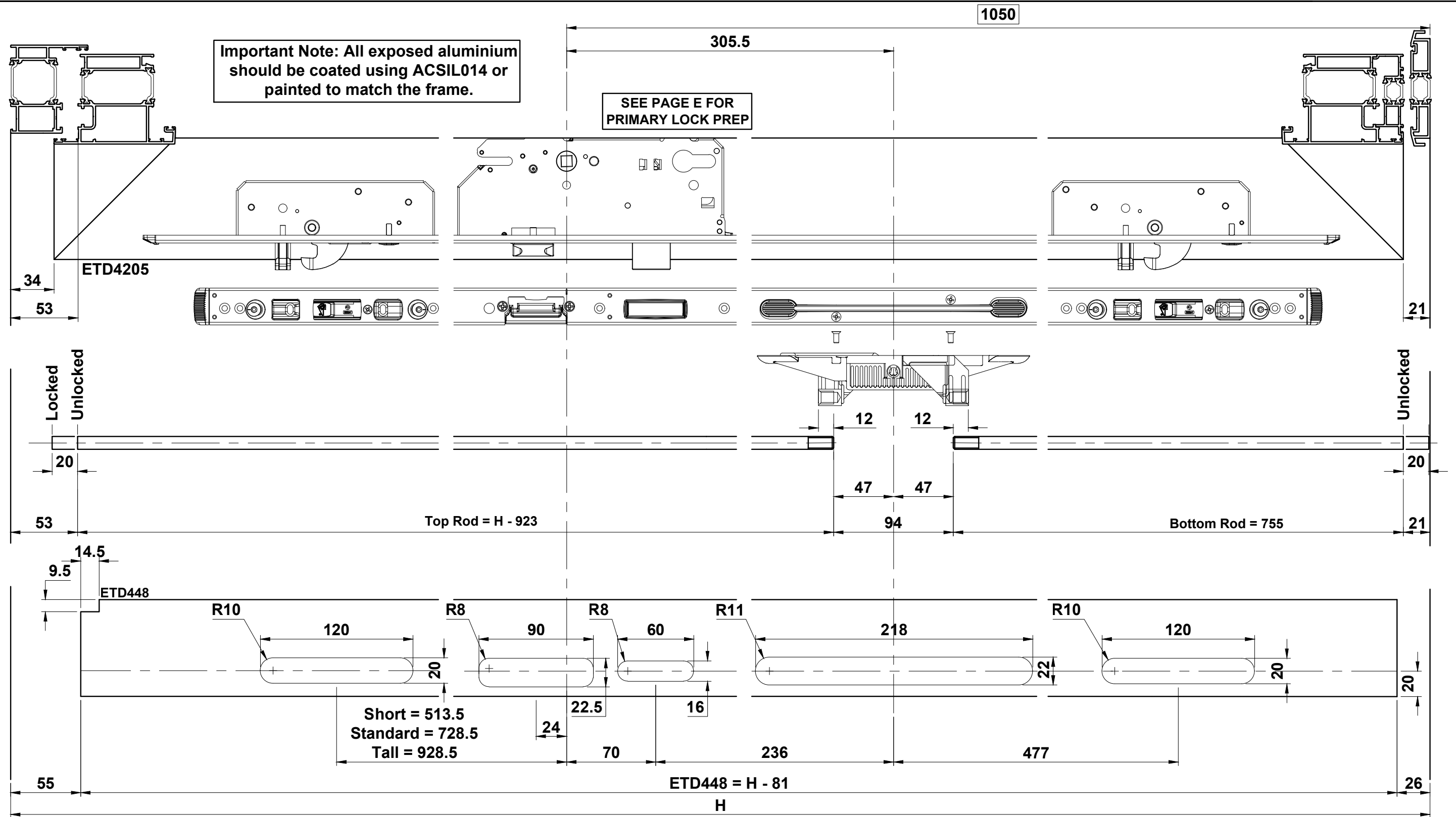
Do Not Scale From This Drawing

## Double Door Finger Bolt Meeting Stile Assembly for Low Rebate Threshold

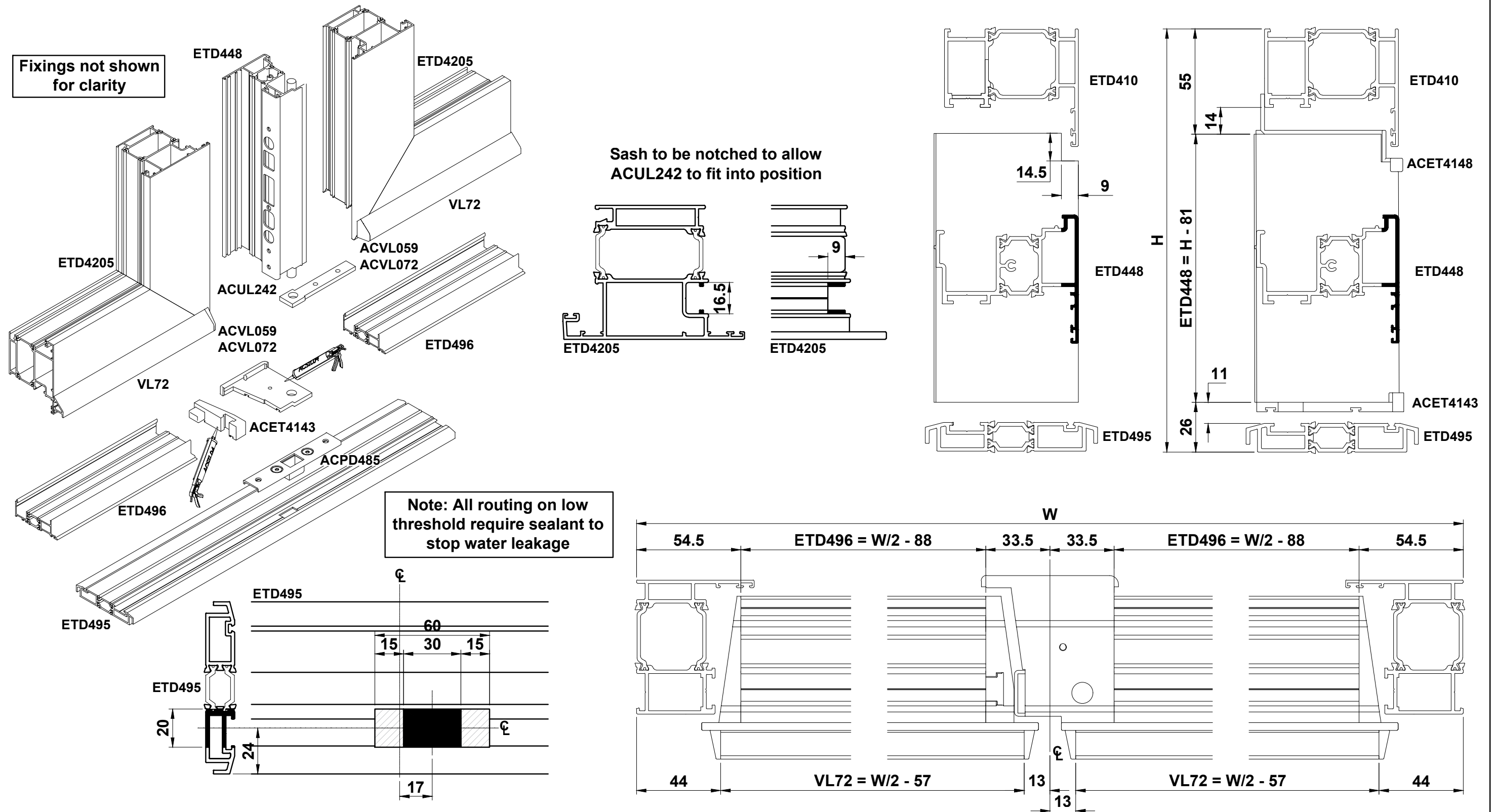


Do Not Scale From This Drawing

Double Door Finger Bolt Lock Preparation for Low Ramp Threshold



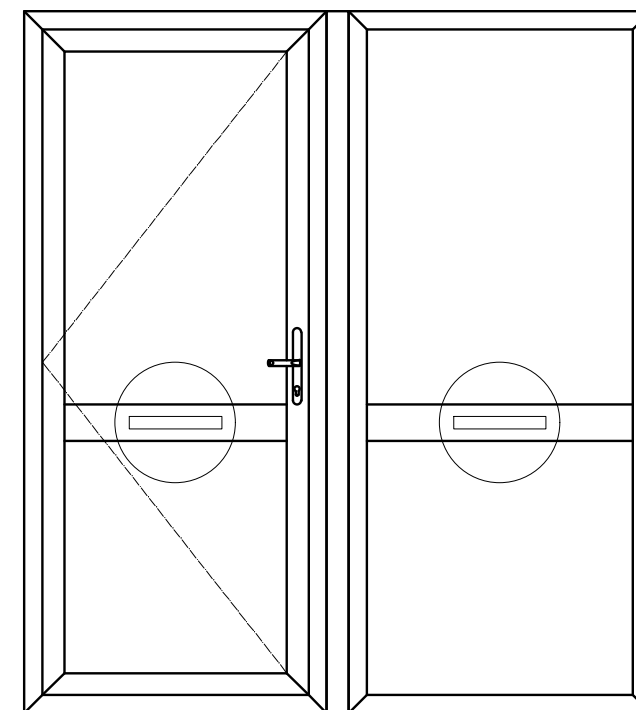
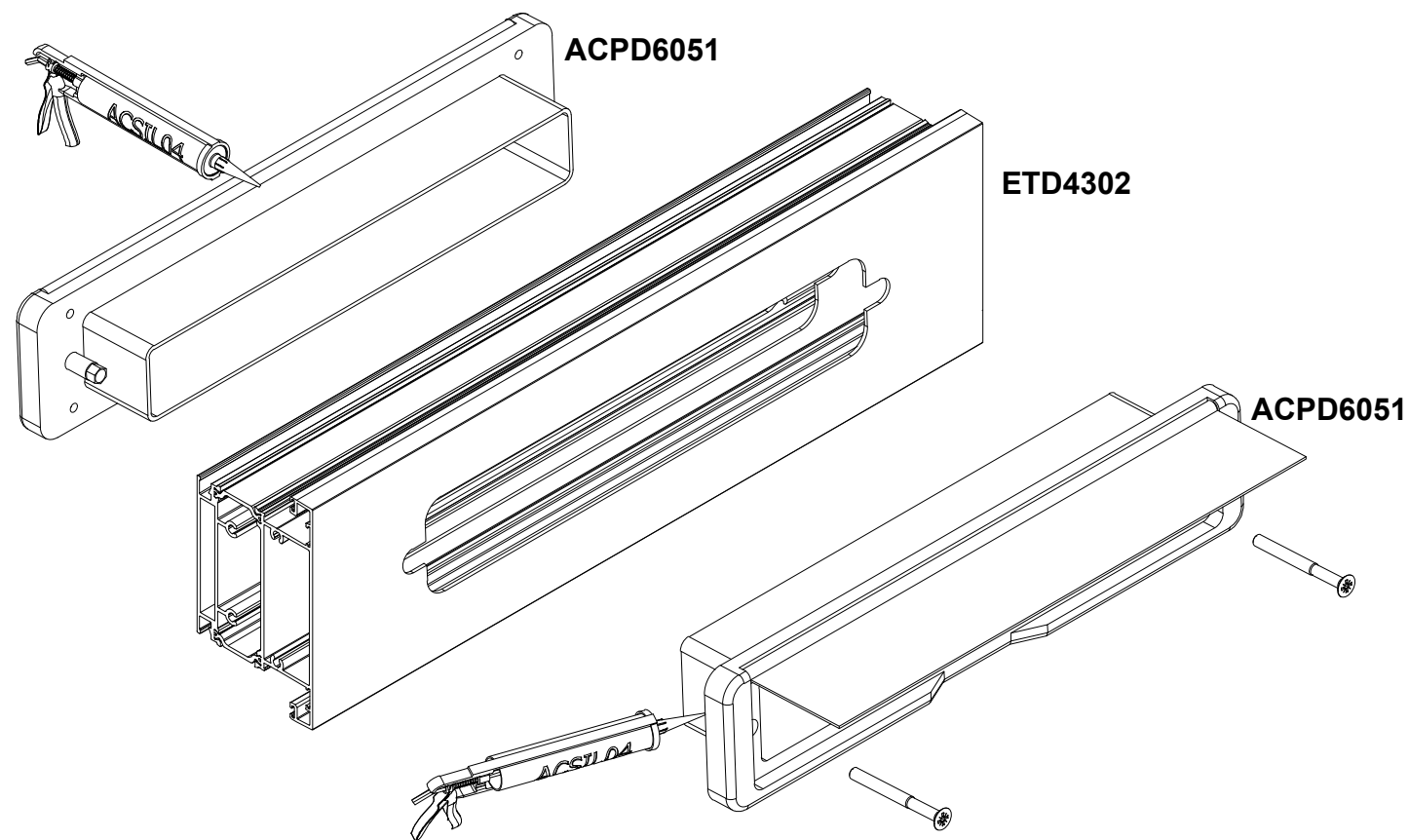
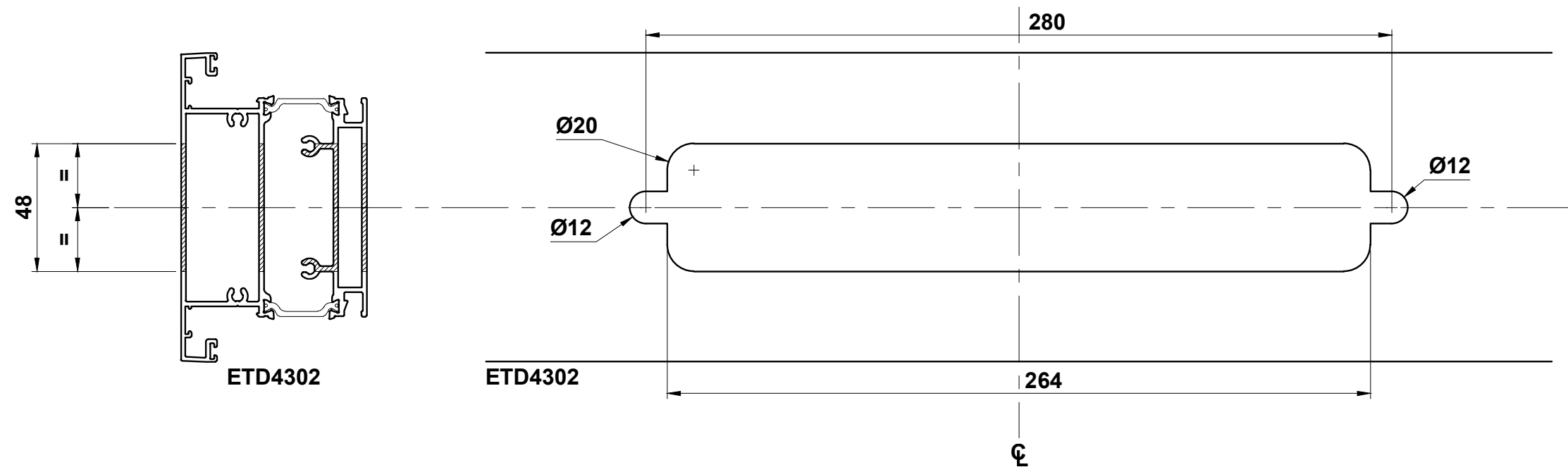
## Double Door Finger Bolt Meeting Stile Assembly for Low Ramp Threshold



**Do Not Scale From This Drawing**



Letter Plate Fitting

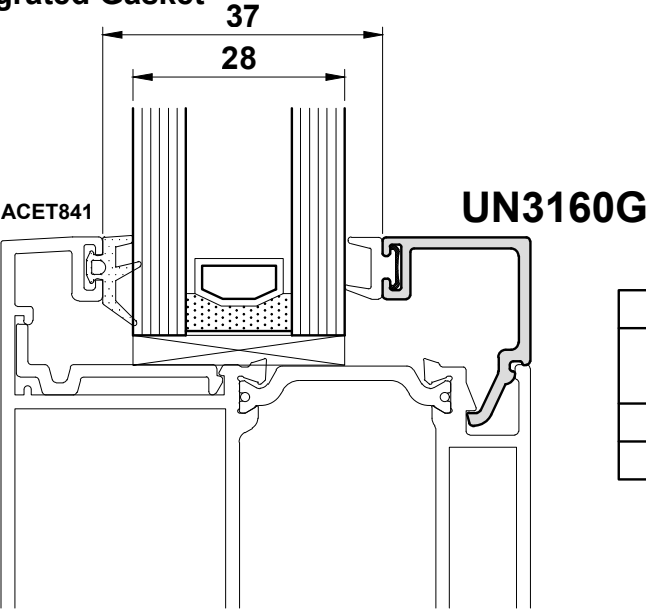


Do Not Scale From This Drawing

Glazing Chart

28mm Glazing

Integrated Gasket

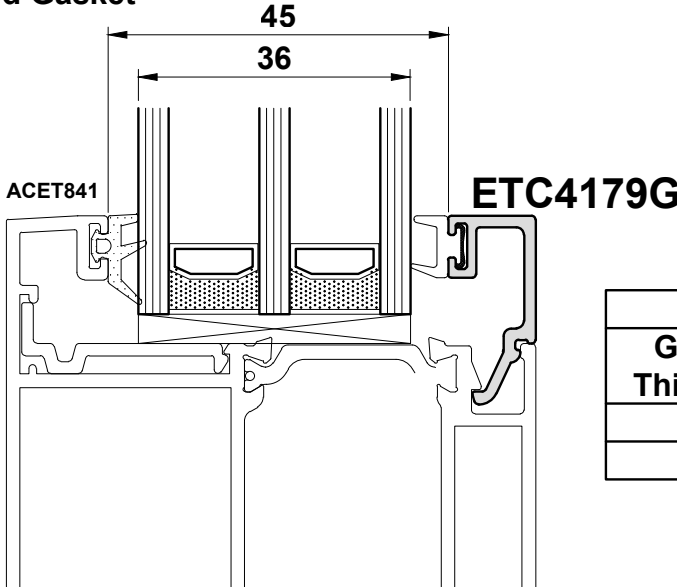


| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 28                  | ACET841         | -               |
| 29 (28.8)           | ACET842         | -               |

ETD4205

36mm Glazing

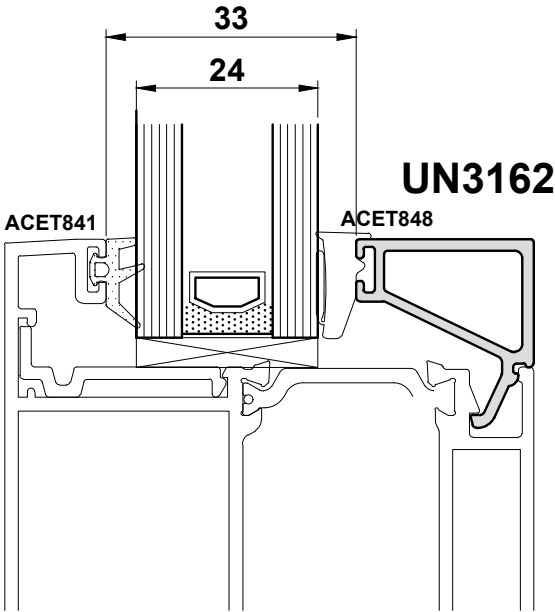
Integrated Gasket



| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 36                  | ACET841         | -               |
| 37                  | ACET842         | -               |

ETD4205

24-26mm Glazing

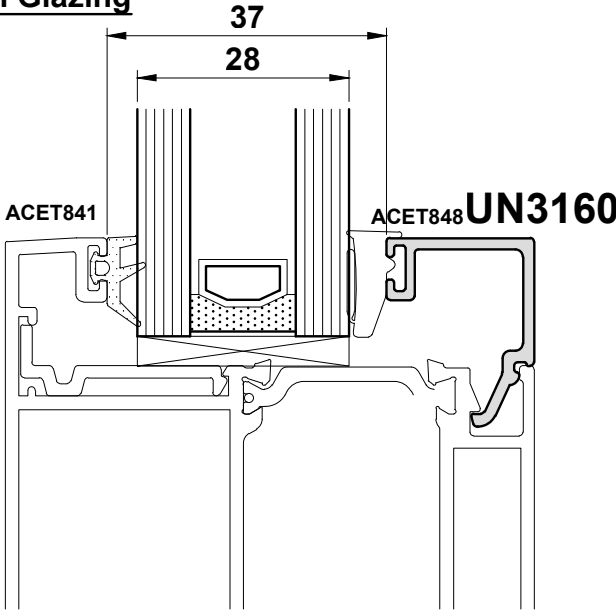


| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 24                  | ACET841         | ACET848         |
| 25                  | ACET842         | ACET848         |
| 26                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 24                | ACVG31          | ACUN036         |
| 25                | ACVG231         | ACUN036         |
| 26                | ACVG231         | ACUN036         |

ETD4205

28-30mm Glazing



| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 28                  | ACET841         | ACET848         |
| 29 (28.8)           | ACET842         | ACET848         |
| 30                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 28                | ACVG31          | ACUN036         |
| 29 (28.8)         | ACVG231         | ACUN036         |
| 30                | ACVG231         | ACUN036         |

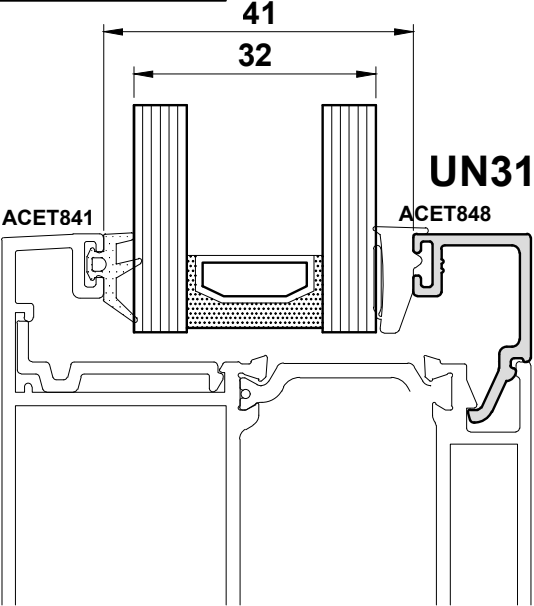
ETD4205

Do Not Scale From This Drawing



Glazing Chart

30-32mm Glazing

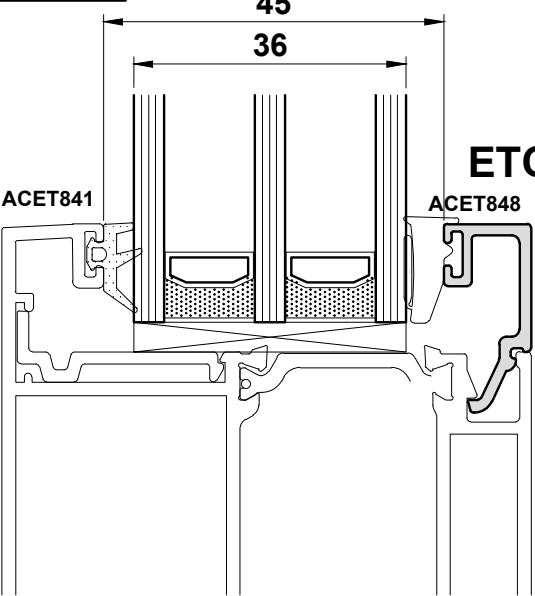


ETD4205

| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 30                  | ACET841         | ACET848         |
| 31                  | ACET842         | ACET848         |
| 32                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 30                | ACVG31          | ACUN036         |
| 31                | ACVG231         | ACUN036         |
| 32                | ACVG231         | ACUN036         |

36mm Glazing

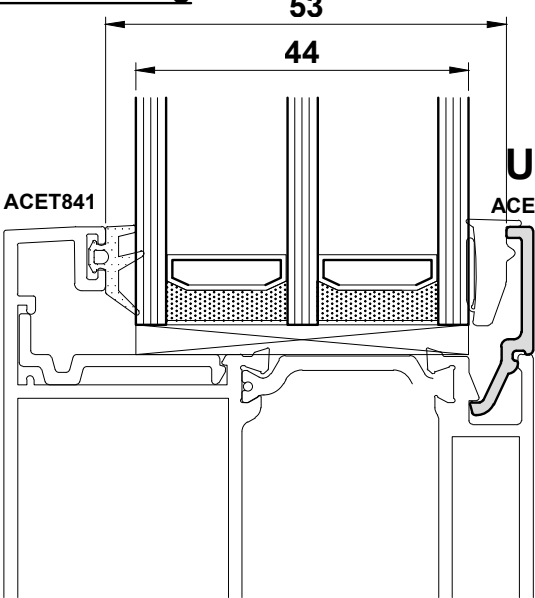


ETD4205

| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 36                  | ACET841         | ACET848         |
| 37                  | ACET842         | ACET848         |
| 38                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 36                | ACVG31          | ACUN036         |
| 37                | ACVG231         | ACUN036         |
| 38                | ACVG231         | ACUN036         |

44-46mm Glazing



ETD4205

| Low Profile Gaskets |                 |                 |
|---------------------|-----------------|-----------------|
| Glazing Thickness   | External Gasket | Internal Gasket |
| 44                  | ACET841         | ACET848         |
| 45                  | ACET842         | ACET848         |
| 46                  | ACET843         | ACET848         |

| Standard Gaskets  |                 |                 |
|-------------------|-----------------|-----------------|
| Glazing Thickness | External Gasket | Internal Gasket |
| 44                | ACVG31          | ACUN036         |
| 45                | ACVG231         | ACUN036         |
| 46                | ACVG231         | ACUN036         |

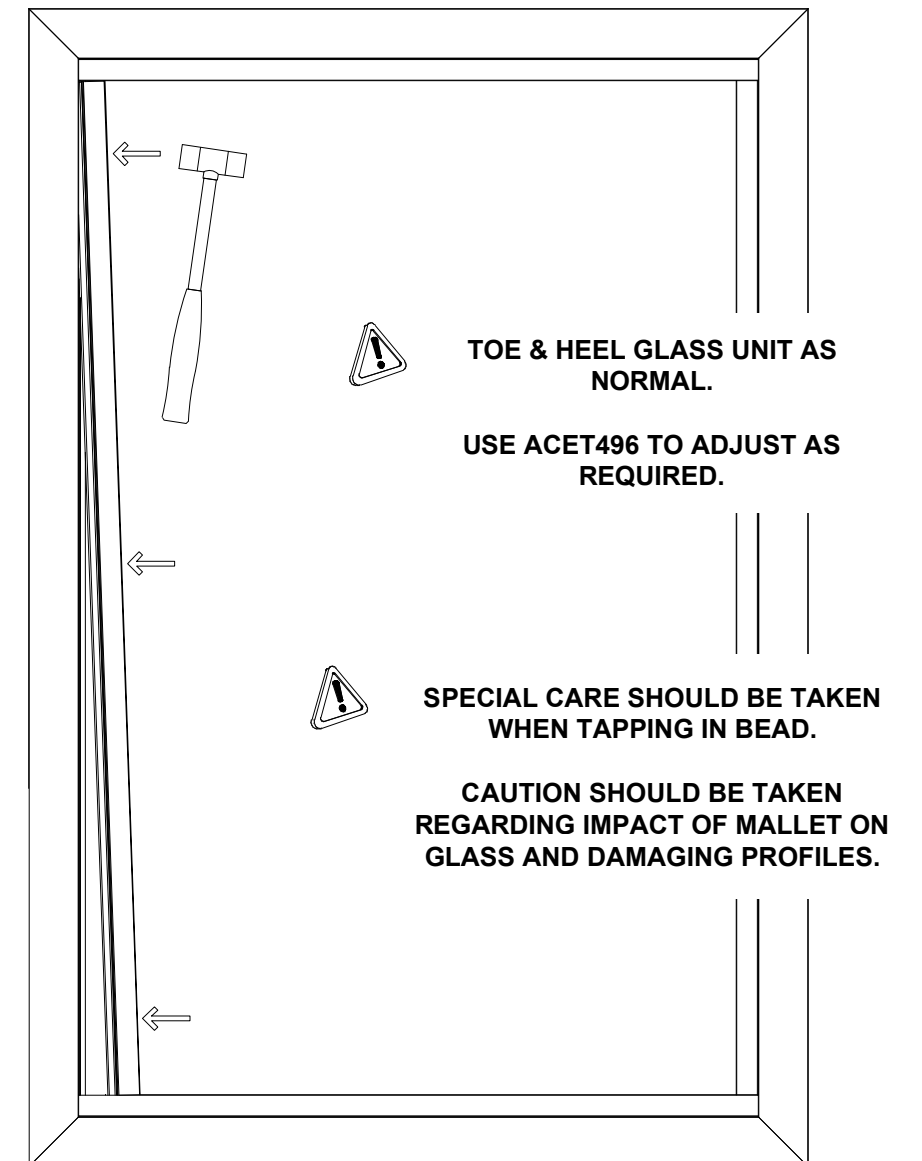
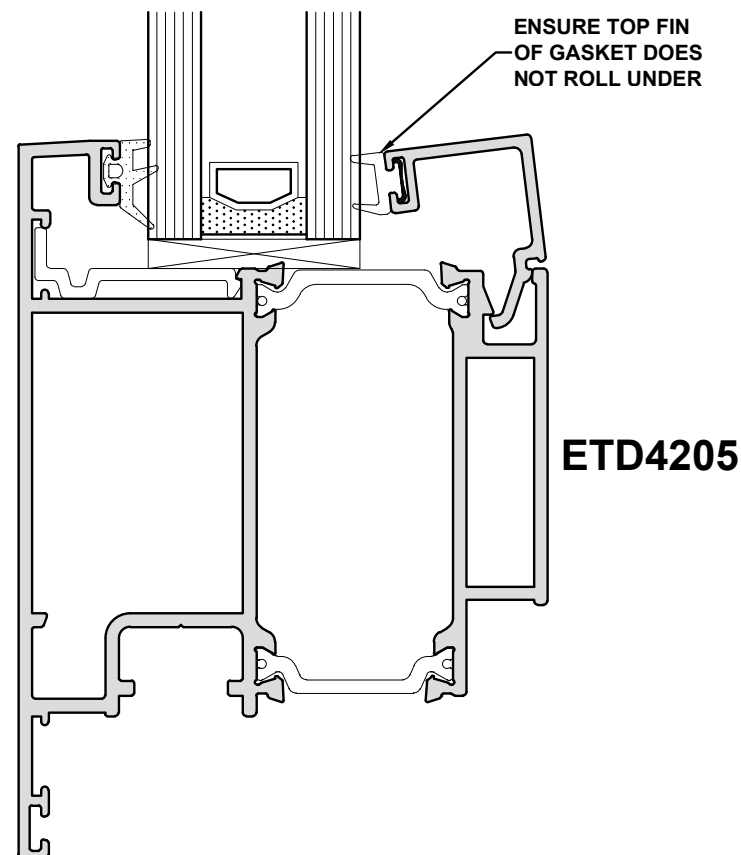
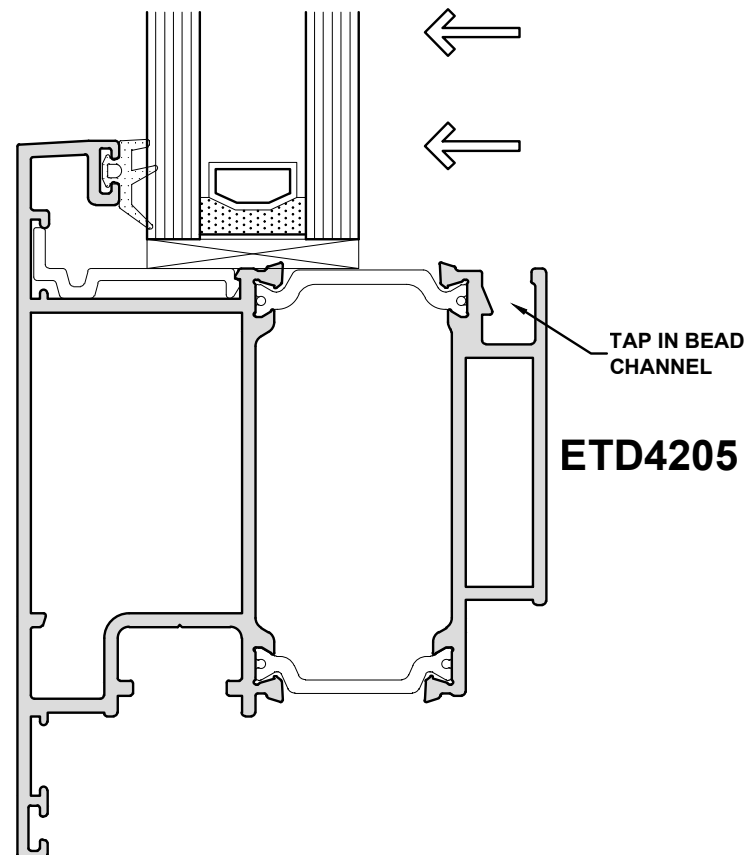
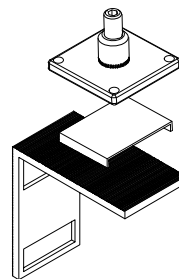
Do Not Scale From This Drawing

## Quick-Glaze Bead Installation

### QUICK-GLAZE BEAD INSTALLATION

1. INSTALL GLASS UNIT, ENSURING IT HAS BEEN PUSHED FORWARD TO ENGAGE COMPRESSION OF E GASKET.
2. BEGINNING WITH HORIZONTAL BEADS, LOCATE BEAD IN CLIP CHANNEL OF SASH AS SHOWN. INTEGRATED GASKET MAY REST AGAINST GLASS UNIT.
3. APPLY FIRM PRESSURE TO THE BEAD TO HOLD IN POSITION. THIS MAY CAUSE THE BEAD TO FULLY LOCK INTO POSITION.
4. USING A NYLON MALLET, TAP BEAD INTO CHANNEL WORKING FROM ONE END TO THE OTHER. PLEASE TAKE CARE AT THIS STAGE TO AVOID DAMAGE TO BOTH THE GLAZING UNIT AND THE BEAD.
5. REPEAT STEPS 2 - 4 TO INSTALL VERTICAL BEADS.

**WE STRONGLY RECOMMEND INSTALLING ACET496 GLASS ADJUSTERS WHEN USING QUICK-GLAZE BEADS. THIS WILL REMOVE THE NEED TO REMOVE BEADS IN ORDER TO ADJUST GLASS POSITION.**



Do Not Scale From This Drawing

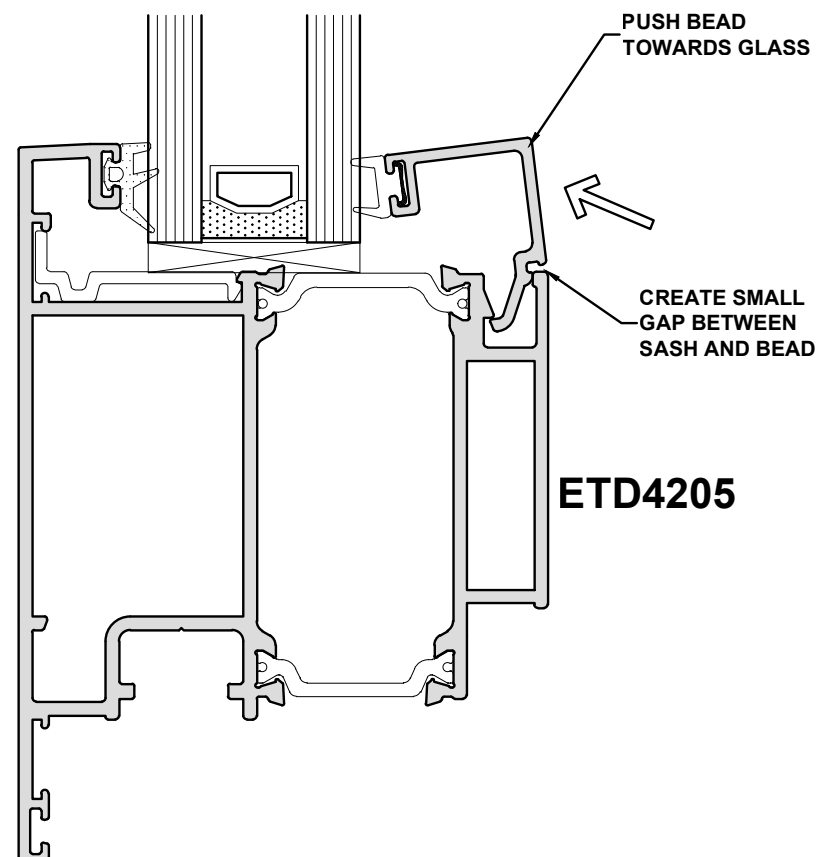
## Quick-Glaze Bead Removal

### KEEP INTEGRATED GASKET

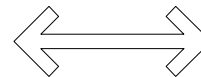
#### QUICK-GLAZE BEAD REMOVAL

1. STARTING ON VERTICAL BEADS, APPLY PRESSURE TO BEAD IN DIRECTION SHOWN IN ORDER TO CREATE SMALL GAP BETWEEN SASH AND BEAD.
2. GENTLY INSERT DE-GLAZING TOOL TAKING PARTICULAR CARE AS NOT TO DAMAGE PAINT FINISH.
3. SLOWLY PRISE THE BEAD UP AND AWAY FROM THE SASH.
4. THE BEAD SHOULD NOW BE EASILY REMOVABLE FROM QUICK-GLAZE BEAD CHANNEL IN SASH

BEAD AND INTEGRATED GASKET CAN BE REUSED.



OR

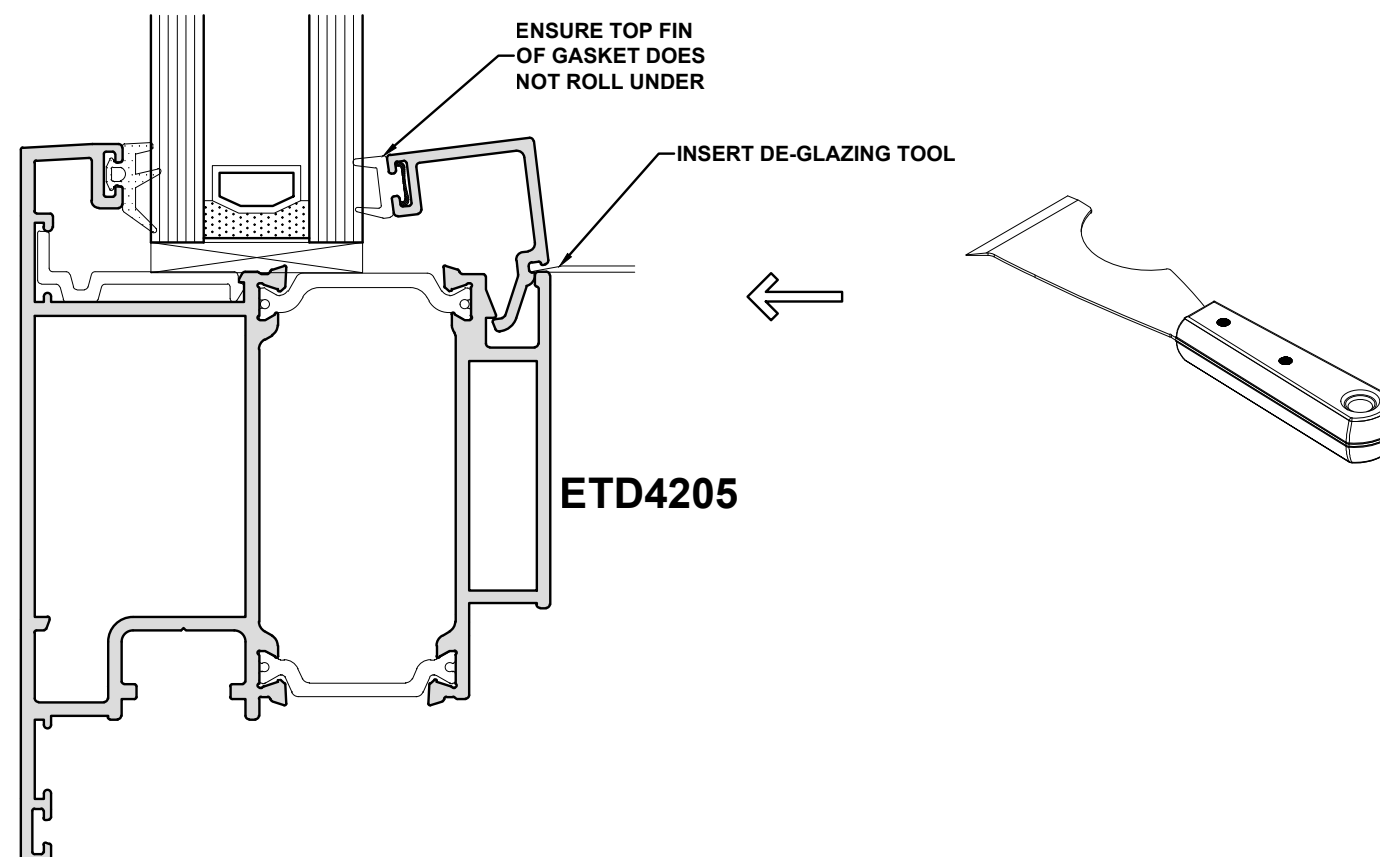


### REPLACE INTEGRATED GASKET

#### QUICK-GLAZE BEAD REMOVAL

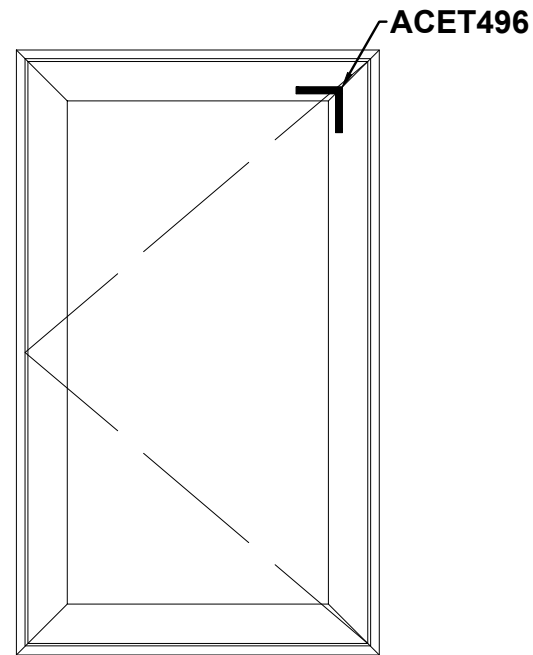
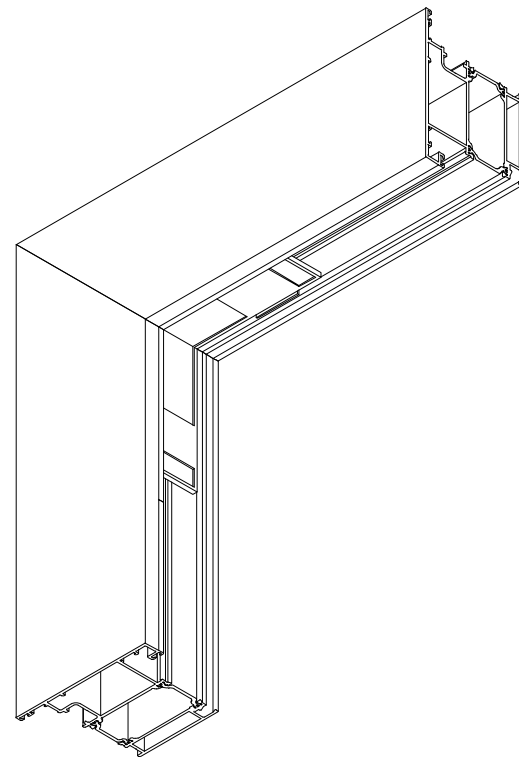
1. USING SMALL FLAT HEADED SCREWDRIVER OR SIMILAR, WEDGE TIP BETWEEN CO EXTRUDED GASKET AND ALUMINIUM.
2. IN A LEVERING MOTION, PRISE THE GASKET AWAY FROM THE ALUMINIUM. PARTICULAR CARE SHOULD BE TAKEN NOT TO DAMAGE THE GLASS UNIT AND ALUMINIUM.
3. COMPLETE THIS AT SEVERAL LOCATIONS ALONG THE LENGTH OF THE BEAD.
4. REMOVE GASKET AND DISCARD. THIS GASKET CAN NO LONGER BE USED.
5. THE BEAD SHOULD NOW BE EASILY REMOVABLE FROM TAP IN BEAD CHANNEL IN SASH

PLEASE SEE GLAZING CHART FOR REPLACEMENT GASKET CODES.



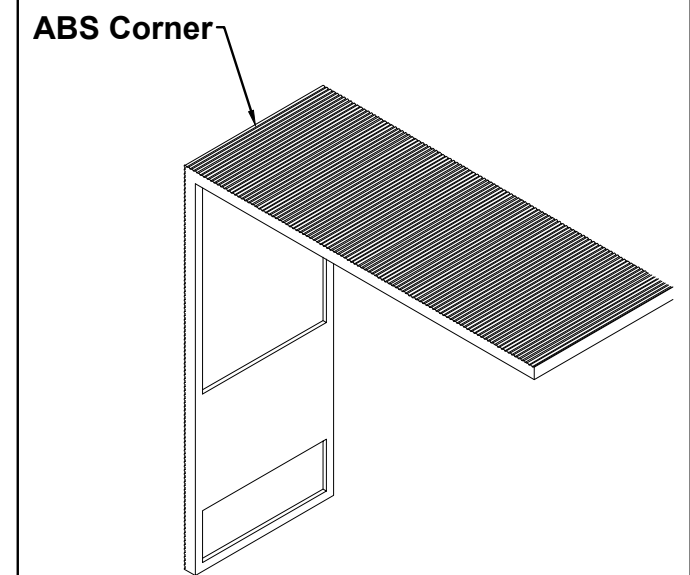
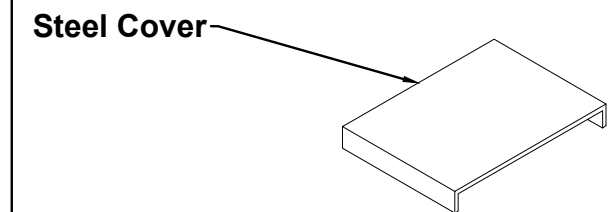
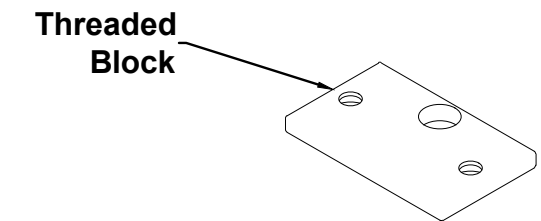
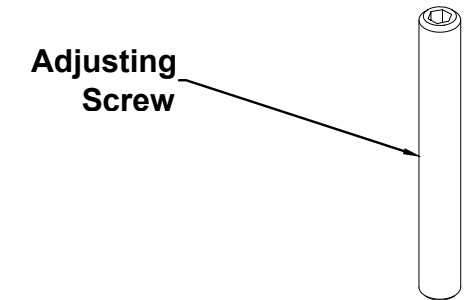
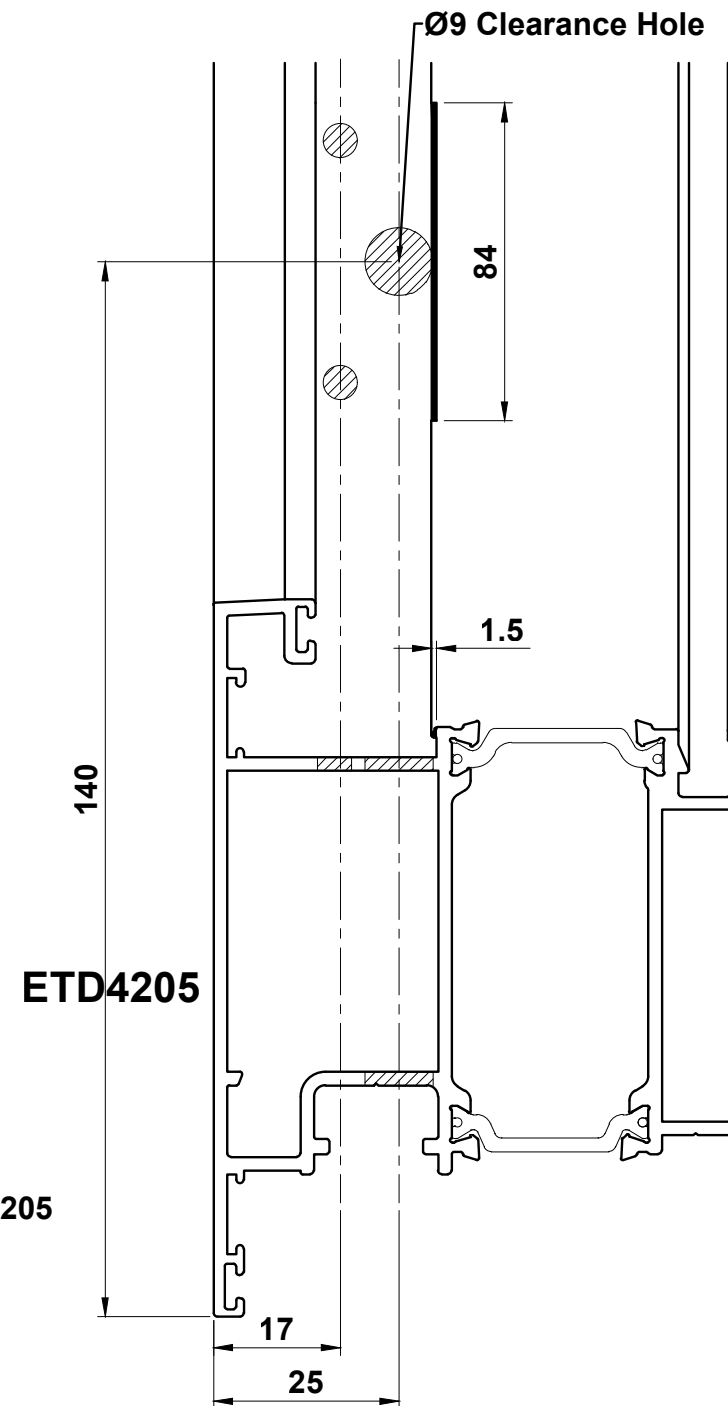
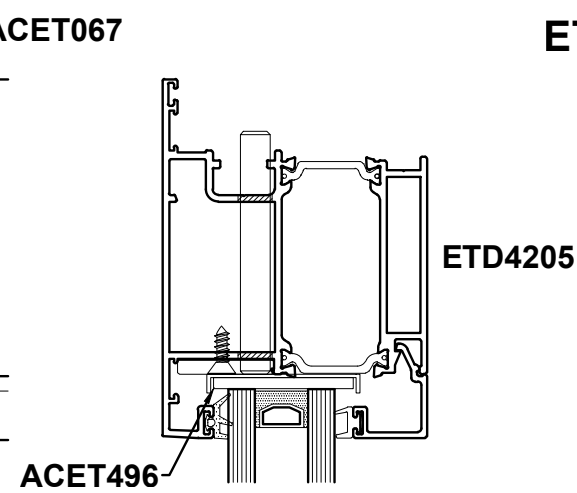
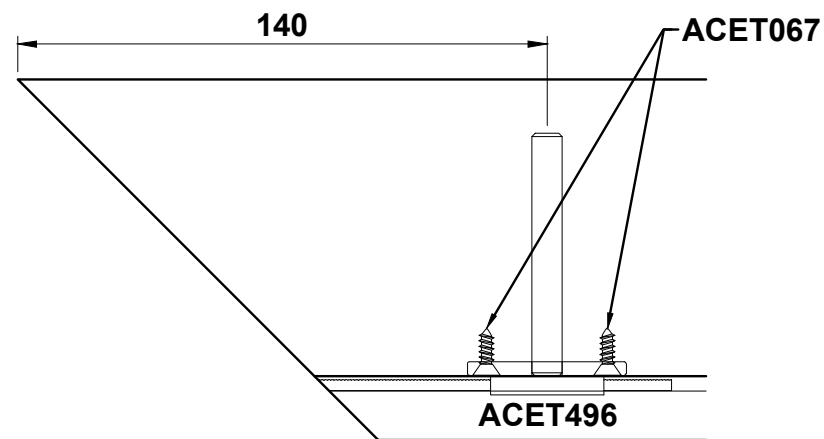
Do Not Scale From This Drawing

## Glass Adjuster

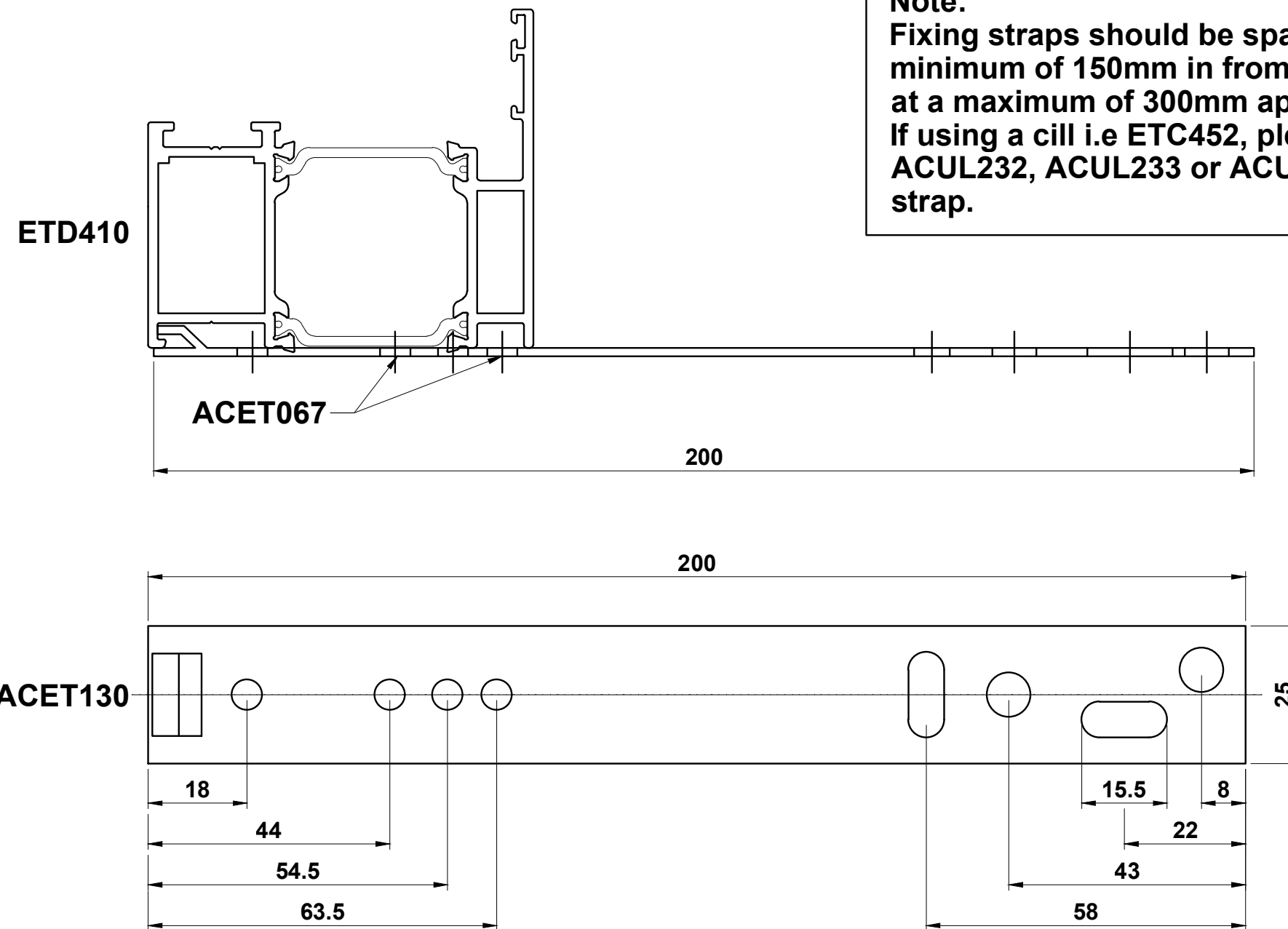


To ensure accuracy use  
ACET497 drill jig

Note: Do not tighten the adjusting  
screw too tightly as it can lead to  
cracked glass.



## Fixing Strap Detail



**Note:**  
Fixing straps should be spaced a minimum of 150mm in from each end & at a maximum of 300mm apart.  
If using a cill i.e ETC452, please use ACUL232, ACUL233 or ACUL234 fixing strap.

Do Not Scale From This Drawing

## Example Layout

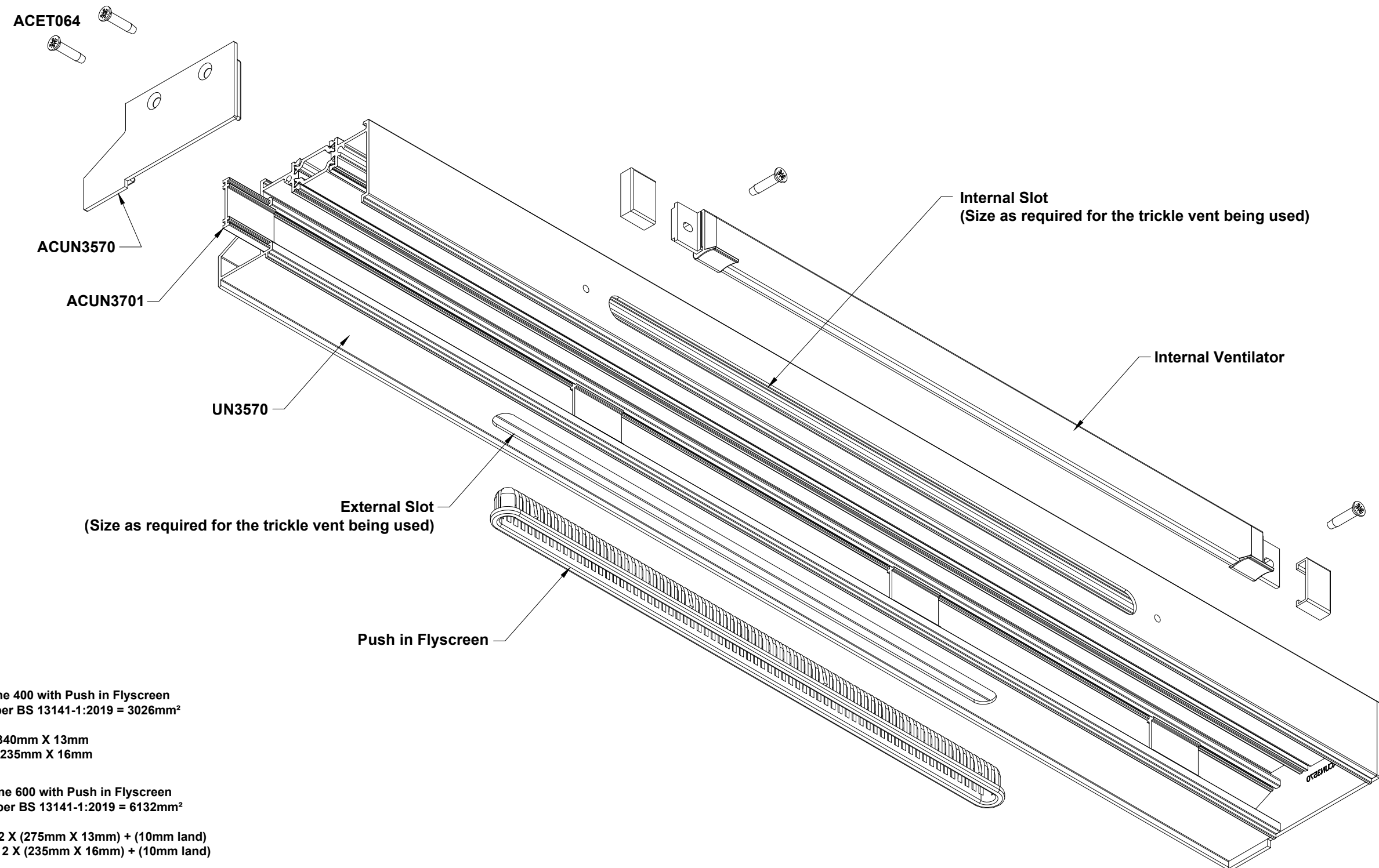




## ACET149 Fitting Instructions



## Trickle Vent





Section F



Sawing Tables

Open In

Single Door..... F03 - F08

Double Door Lift Lever..... F09 - F12

Double Door Finger Bolt..... F13 - F16

Open Out

Single Door..... F17 - F19

Double Door Lift Lever..... F20 - F22

Double Door Finger Bolt..... F23 - F25

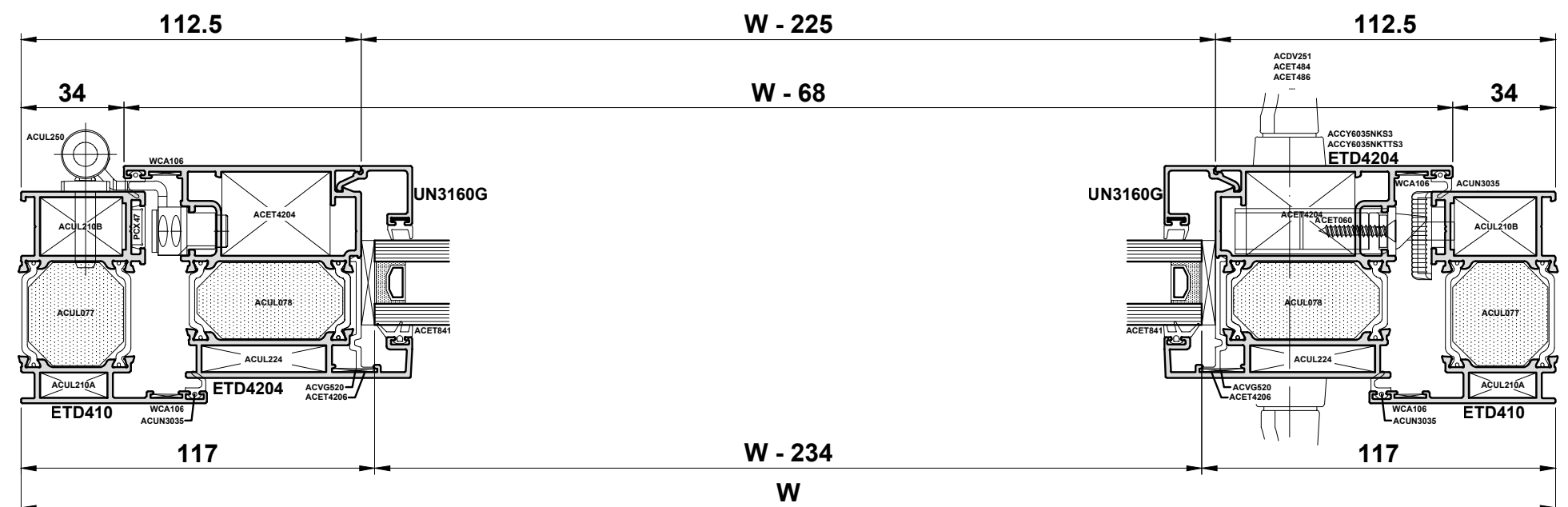
  

Fan Light ..... F26

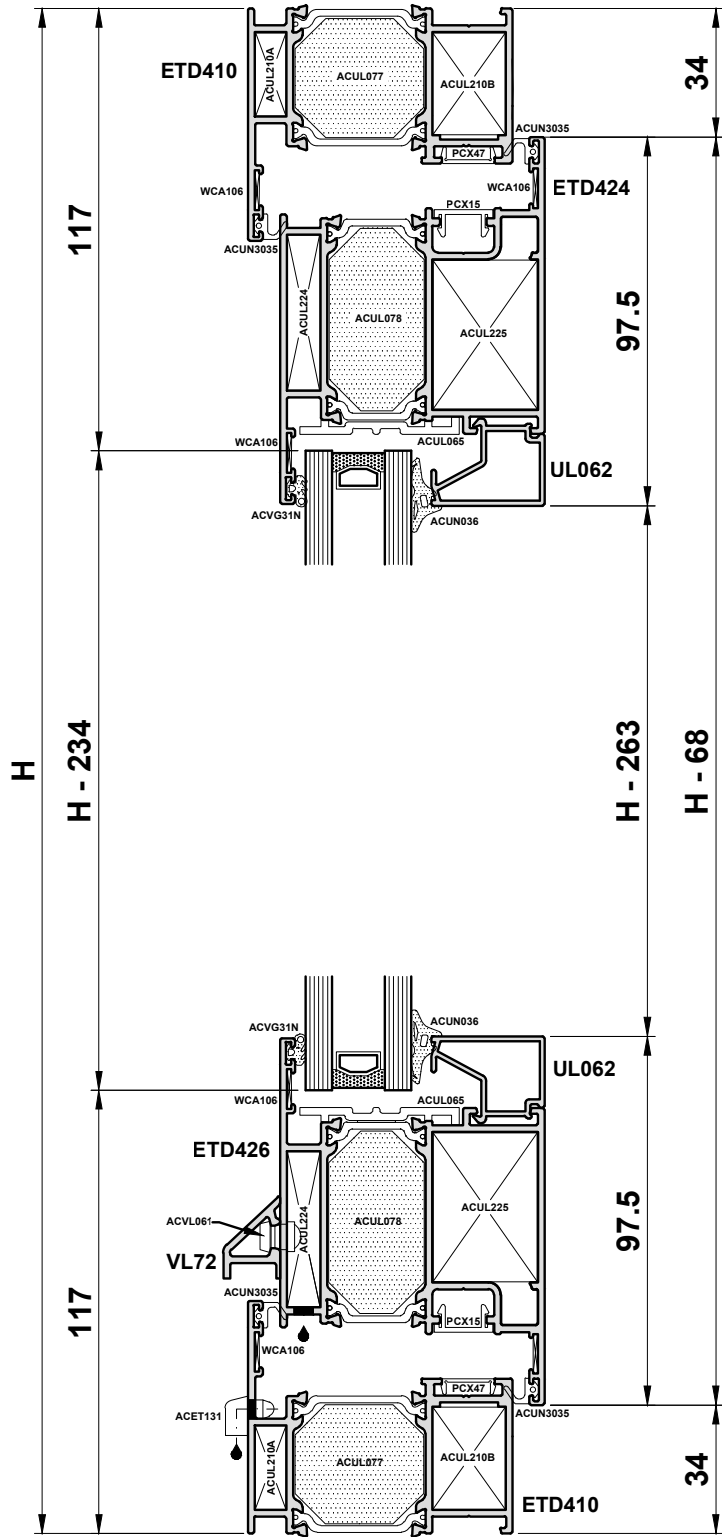
Side Light ..... F27

**Section F**



**PAGE F03**

## Open In Single Door Full Frame



| Profile Cutting Schedule |   |  |  |         |
|--------------------------|---|--|--|---------|
| ETD410                   | 2 |  |  | W       |
| ETD410                   | 2 |  |  | H       |
| ETD424                   | 2 |  |  | W - 68  |
| ETD424                   | 2 |  |  | H - 68  |
| BEAD                     | 2 |  |  | H - 263 |
| BEAD                     | 2 |  |  | W - 225 |
| PCX15                    | 2 |  |  | H - 106 |
| PCX15                    | 2 |  |  | W - 106 |
| PCX47                    | 2 |  |  | H - 82  |
| PCX47                    | 2 |  |  | W - 82  |
| VL72                     | 1 |  |  | W - 139 |

| MIDRAIL | ETD430 | 1 |  |  | W - 225  |
|---------|--------|---|--|--|----------|
|         | BEAD   | 4 |  |  | W - 225  |
|         | BEAD   | 2 |  |  | H1 - 190 |
|         | BEAD   | 2 |  |  | H2 - 190 |

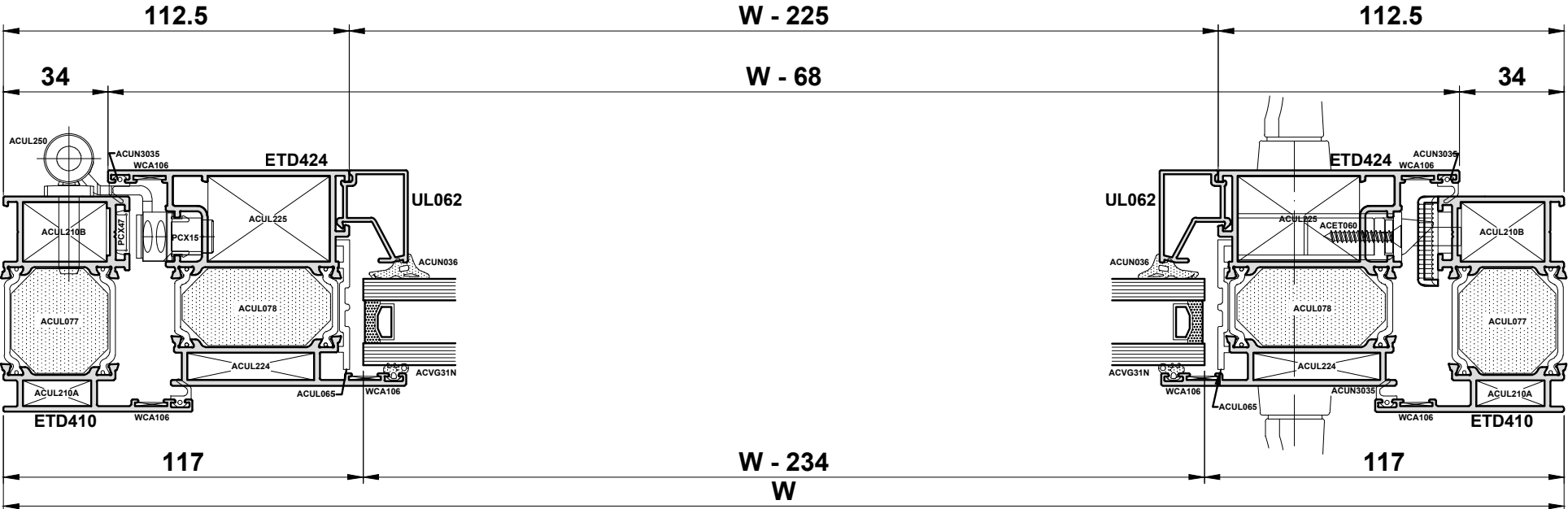
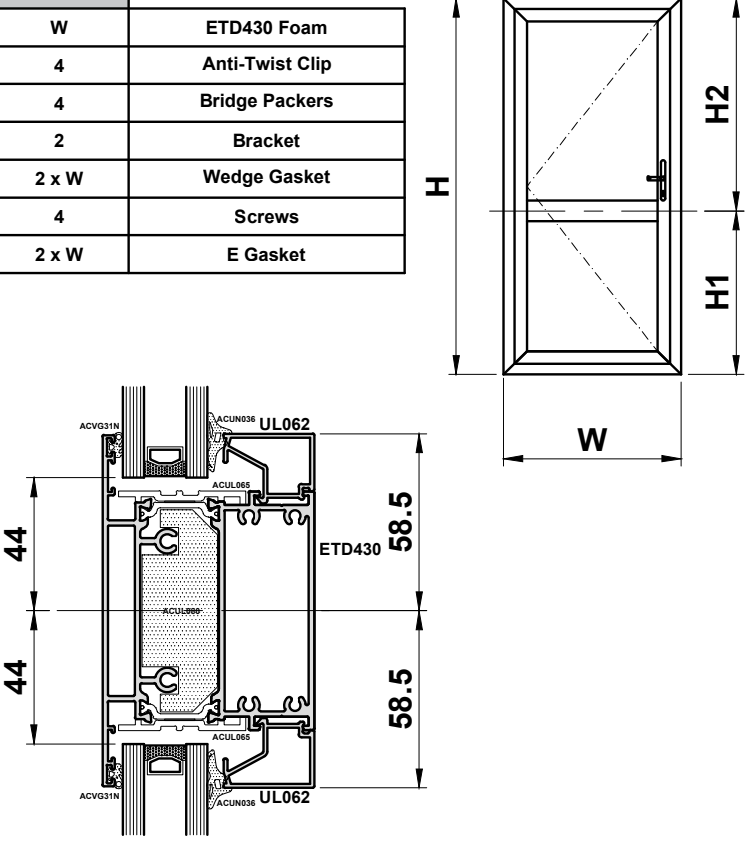
| Glass Sizes              |          |         |
|--------------------------|----------|---------|
| Without ETD430           | H - 234  | W - 234 |
| Top Glass With ETD430    | H2 - 161 | W - 234 |
| Bottom Glass With ETD430 | H1 - 161 | W - 234 |

| Accessories       |               |                   |
|-------------------|---------------|-------------------|
| ACCY6035S3        | 1             | Euro Cylinder     |
| **                | **            | Handles           |
| ACET060           | 16            | Screws for Lock   |
| ACET131           | 2             | Drainage Cap      |
| ACET475           | 2             | Run Up Block      |
| ACIM062           | 12            | Screw for ACUL250 |
| ACUL065           | 10            | Bridge Packers    |
| ACUL077           | 2 x W & 2 x H | Outer Frame Foam  |
| ACUL078           | 2 x W & 2 x H | Sash Foam         |
| ACUL210A          | 4             | Outer Frame Cleat |
| ACUL210B          | 4             | Outer Frame Cleat |
| ACUL224           | 4             | Sash Cleat        |
| ACUL225           | 4             | Sash Cleat        |
| ACUL250           | 3             | Hinge             |
| ACUN036           | 2 x W & 2 x H | Wedge Gasket      |
| ACUN3035          | 4 x W & 4 x H | Flipper Gasket    |
| ACUN3512          | 9             | Screw for ACUL250 |
| ACVG31N           | 2 x W & 2 x H | E Gasket          |
| ACVL059 / ACVL072 | 1 Pair        | VL72 End Cap      |
| ACVL061           | W/300 + 2     | VL72 Rivet        |
| WCA106            | 12            | Chevrans          |
| *                 | 1             | Primary Lock      |

\*See Page E20 for lock options.

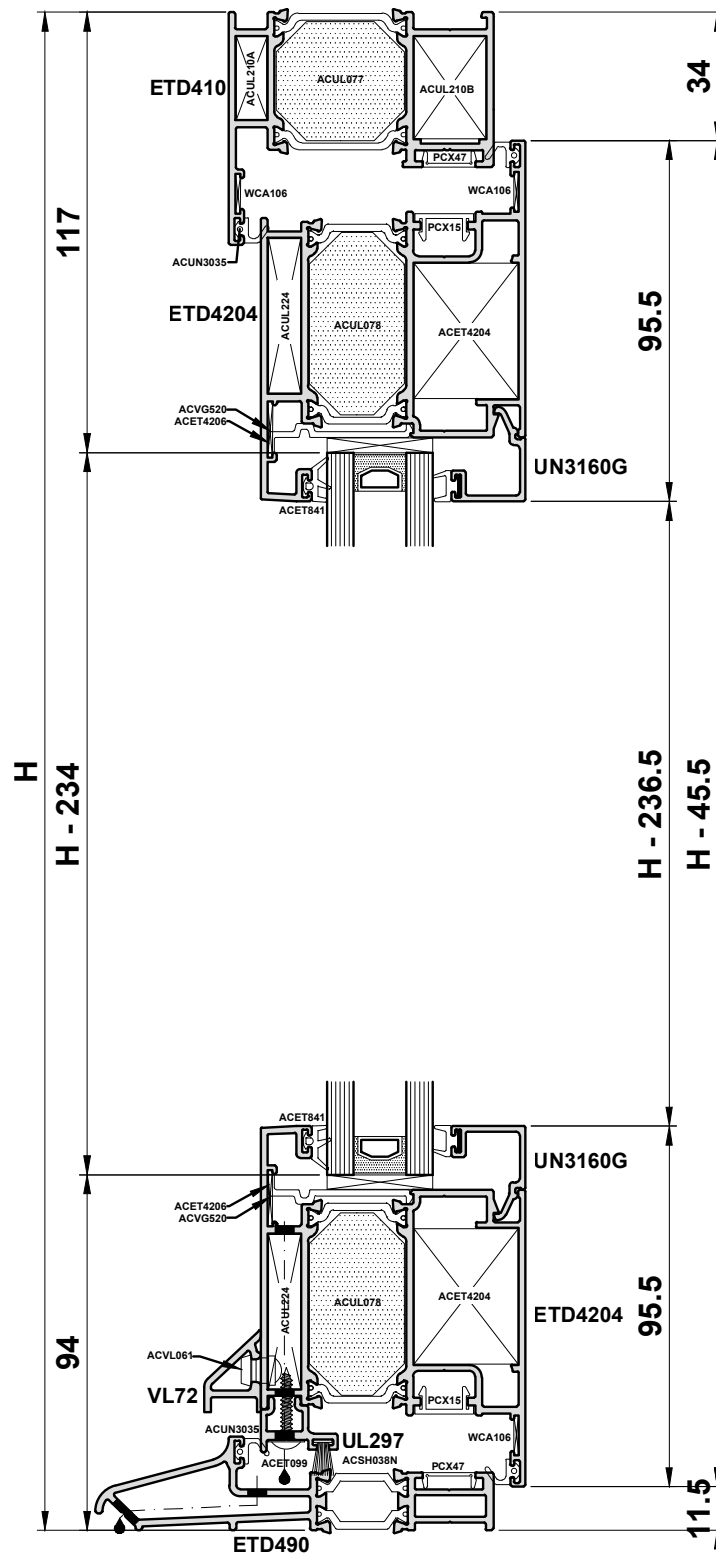
\*\*See B & E for handle options.

| Midrail Accessories |       |                 |
|---------------------|-------|-----------------|
| ACUL080             | W     | ETD430 Foam     |
| ACUL025             | 4     | Anti-Twist Clip |
| ACUL065             | 4     | Bridge Packers  |
| ACUL299             | 2     | Bracket         |
| ACUN036             | 2 x W | Wedge Gasket    |
| ACUN3512            | 4     | Screws          |
| ACVG31N             | 2 x W | E Gasket        |



Do Not Scale From This Drawing

Open In Single Door Low Rebate Threshold Quick-Glaze Bead



| Profile Cutting Schedule |   |  |  |           |
|--------------------------|---|--|--|-----------|
| ETD410                   | 1 |  |  | W         |
| ETD410                   | 2 |  |  | H - 15.5  |
| ETD490                   | 1 |  |  | W         |
| ETD4204                  | 2 |  |  | W - 68    |
| ETD4204                  | 2 |  |  | H - 45.5  |
| UL297                    | 1 |  |  | W - 113   |
| UN3160G                  | 2 |  |  | H - 236.5 |
| UN3160G                  | 2 |  |  | W - 225   |
| PCX15                    | 2 |  |  | H - 84.5  |
| PCX15                    | 2 |  |  | W - 106   |
| PCX47                    | 2 |  |  | H - 56.5  |
| PCX47                    | 2 |  |  | W - 82    |
| VL72                     | 1 |  |  | W - 139   |

| MIDRAIL | ETD4301 | 1 |  | W - 225    |
|---------|---------|---|--|------------|
|         | UN3160G | 4 |  | W - 225    |
|         | UN3160G | 2 |  | H1 - 165   |
|         | UN3160G | 2 |  | H2 - 187.5 |

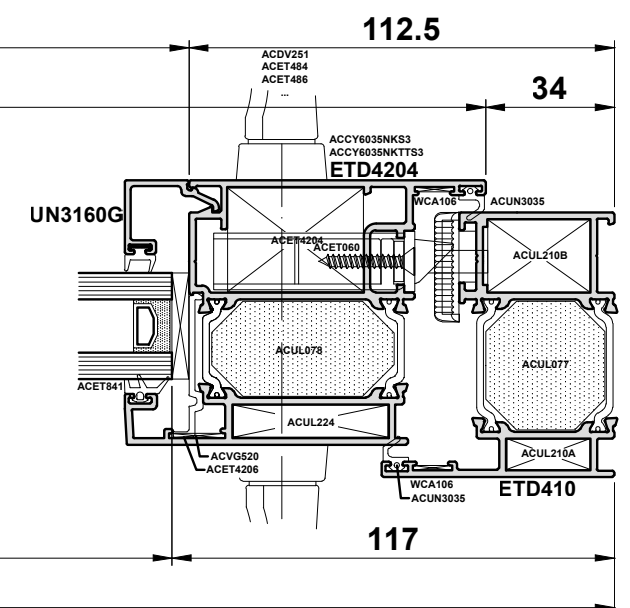
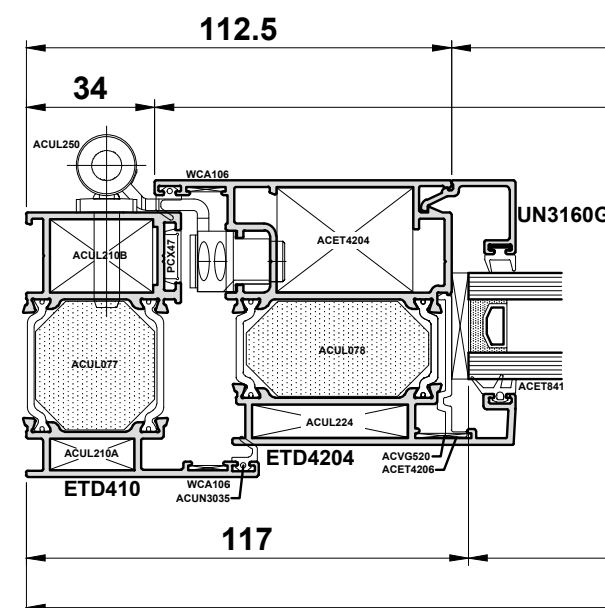
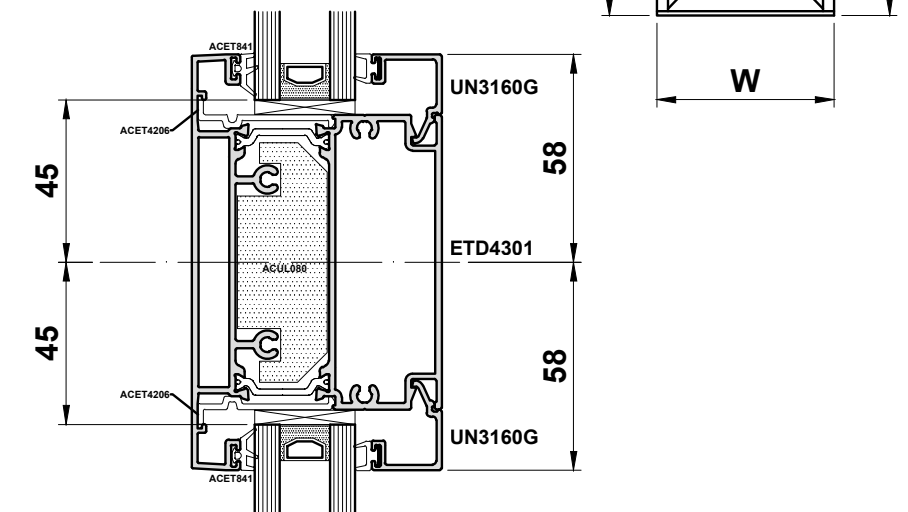
| Glass Sizes               |          |         |
|---------------------------|----------|---------|
| Without ETD4301           | H - 211  | W - 234 |
| Top Glass With ETD4301    | H2 - 162 | W - 234 |
| Bottom Glass With ETD4301 | H1 - 139 | W - 234 |

| Accessories       |               |                       |
|-------------------|---------------|-----------------------|
| ACCY6035S3        | 1             | Euro Cylinder         |
| **                | **            | Handles               |
| ACET060           | 4             | Screw for ACET4190    |
| ACET060           | 16            | Screw for Lock        |
| ACET099           | W - 100 / 300 | Screw for UL297       |
| ACET4190          | Pair          | ETD490 End Cap        |
| ACET4197          | Pair          | UL297 End Cap         |
| ACET4204          | 4             | Sash Cleat            |
| ACET4206          | 10            | Bridge Packers        |
| ACET475           | 2             | Run Up Block          |
| ACET841           | 2 x W & 2 x H | E Gasket              |
| ACIM062           | 12            | Screw for ACUL250     |
| ACSH038N          | W             | Woolpile              |
| ACUL077           | W & 2 x H     | Outer Frame Foam      |
| ACUL078           | 2 x W & 2 x H | Sash Foam             |
| ACUL210A          | 2             | Outer Frame Cleat     |
| ACUL210B          | 2             | Outer Frame Cleat     |
| ACUL224           | 4             | Sash Cleat            |
| ACUL250           | 3             | Hinge                 |
| ACUL295           | 2             | Low Threshold Bracket |
| ACUN3035          | 4 x W & 4 x H | Flipper Gasket        |
| ACUN3512          | 9             | Screws for ACUL250    |
| ACVL059 / ACVL072 | 1 Pair        | VL72 End Cap          |

|         |           |              |
|---------|-----------|--------------|
| ACVL061 | W/300 + 2 | VL72 Rivet   |
| WCA106  | 10        | Chevrans     |
| *       | 1         | Primary Lock |

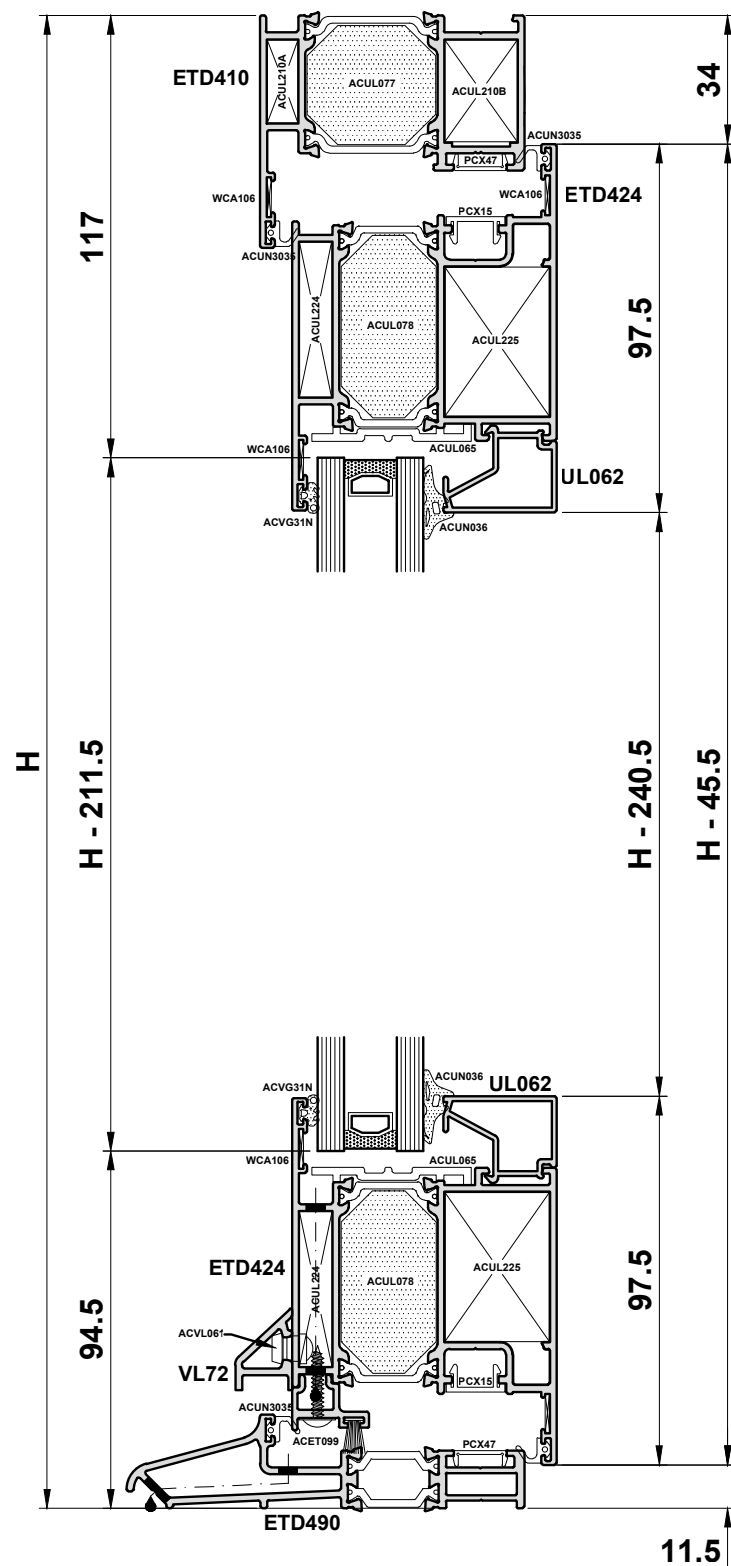
\*See Page E20 for lock options.  
\*\*See B & E for handle options.

| Midrail Accessories |       |                |
|---------------------|-------|----------------|
| ACET841             | 2 x W | E Gasket       |
| ACUL080             | W     | ETD4301 Foam   |
| ACUN3512            | 4     | Screws         |
| ACET4206            | 4     | Bridge Packers |



Do Not Scale From This Drawing

Open In Single Door Low Rebate Threshold



| Profile Cutting Schedule |   |  |  |  |           |
|--------------------------|---|--|--|--|-----------|
| ETD410                   | 1 |  |  |  | W         |
| ETD410                   | 2 |  |  |  | H - 15.5  |
| ETD490                   | 1 |  |  |  | W         |
| ETD424                   | 2 |  |  |  | W - 68    |
| ETD424                   | 2 |  |  |  | H - 45.5  |
| UL297                    | 1 |  |  |  | W - 113   |
| BEAD                     | 2 |  |  |  | H - 240.5 |
| BEAD                     | 2 |  |  |  | W - 225   |
| PCX15                    | 2 |  |  |  | H - 84.5  |
| PCX15                    | 2 |  |  |  | W - 106   |
| PCX47                    | 2 |  |  |  | H - 56.5  |
| PCX47                    | 2 |  |  |  | W - 82    |
| VL72                     | 1 |  |  |  | W - 139   |

| MIDRAIL | ETD430 | 1 |  |  | W - 225    |
|---------|--------|---|--|--|------------|
|         | BEAD   | 4 |  |  | W - 225    |
|         | BEAD   | 2 |  |  | H1 - 167.5 |
|         | BEAD   | 2 |  |  | H2 - 190   |

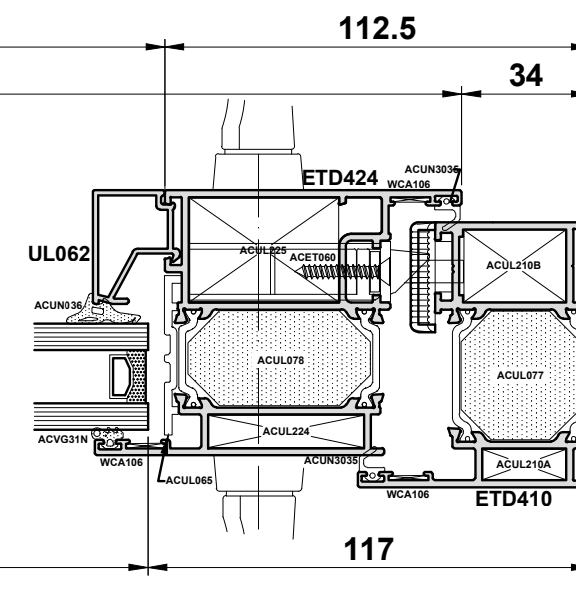
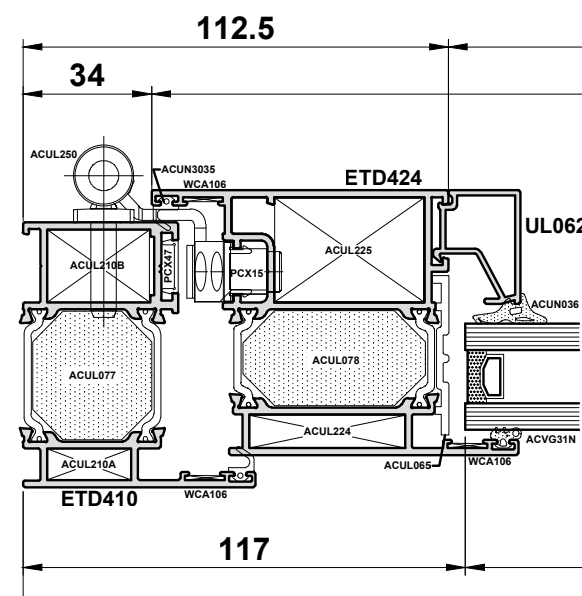
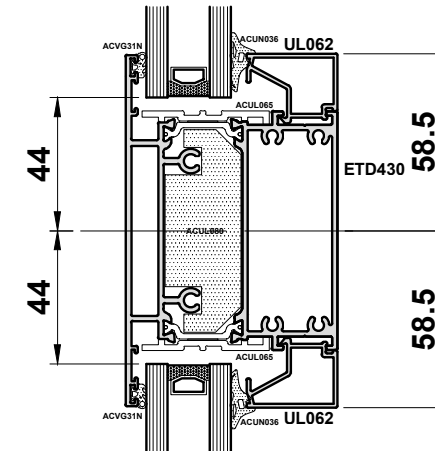
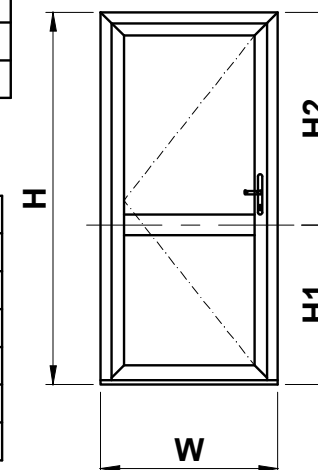
| Glass Sizes              |            |         |
|--------------------------|------------|---------|
| Without ETD430           | H - 211.5  | W - 234 |
| Top Glass With ETD430    | H2 - 161   | W - 234 |
| Bottom Glass With ETD430 | H1 - 138.5 | W - 234 |

| Accessories       |               |                       |
|-------------------|---------------|-----------------------|
| ACCY6035S3        | 1             | Euro Cylinder         |
| **                | **            | Handles               |
| ACET060           | 4             | Screw for ACET4190    |
| ACET060           | 16            | Screw for Lock        |
| ACET099           | W - 100 / 300 | Screw for UL297       |
| ACET4190          | Pair          | ETD490 End Cap        |
| ACET4197          | Pair          | UL297 End Cap         |
| ACET475           | 2             | Run Up Block          |
| ACIM062           | 12            | Screw for ACUL250     |
| ACSH038N          | W             | Woolpile              |
| ACUL025           | 2             | Anti-Twist Clip       |
| ACUL065           | 10            | Bridge Packers        |
| ACUL077           | W & 2 x H     | Outer Frame Foam      |
| ACUL078           | 2 x W & 2 x H | Sash Foam             |
| ACUL210A          | 2             | Outer Frame Cleat     |
| ACUL210B          | 2             | Outer Frame Cleat     |
| ACUL224           | 4             | Sash Cleat            |
| ACUL225           | 4             | Sash Cleat            |
| ACUL250           | 3             | Hinge                 |
| ACUL295           | 2             | Low Threshold Bracket |
| ACUN036           | 2 x W & 2 x H | Wedge Gasket          |
| ACUN3035          | 4 x W & 4 x H | Flipper Gasket        |
| ACUN3512          | 9             | Screws for ACUL250    |
| ACVG31N           | 2 x W & 2 x H | E Gasket              |
| ACVL059 / ACVL072 | 1 Pair        | VL72 End Cap          |

|         |           |              |
|---------|-----------|--------------|
| ACVL061 | W/300 + 2 | VL72 Rivet   |
| WCA106  | 10        | Chevrans     |
| *       | 1         | Primary Lock |

\*See Page E20 for lock options.  
\*\*See B & E for handle options.

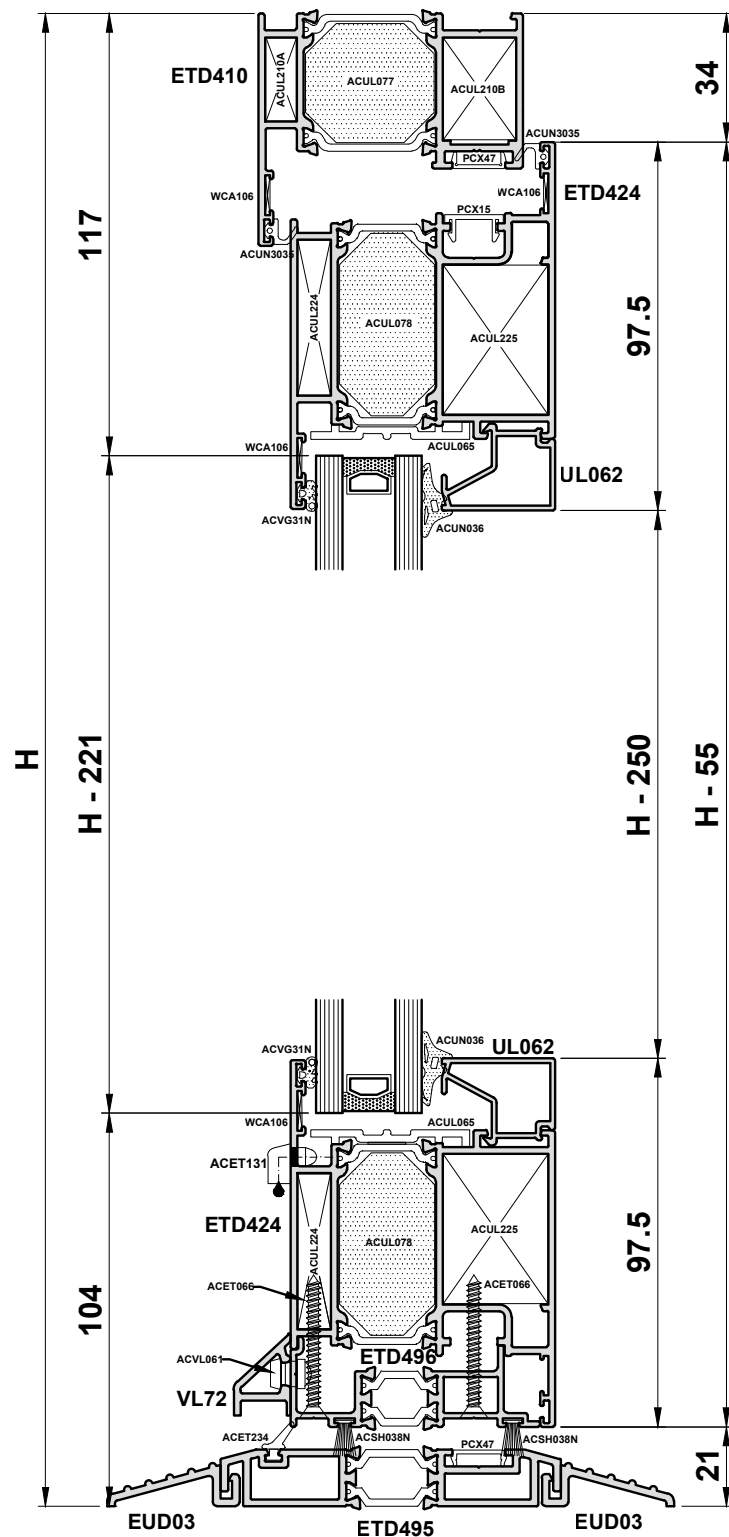
| Midrail Accessories |       |                 |
|---------------------|-------|-----------------|
| ACUL080             | W     | ETD430 Foam     |
| ACUL025             | 4     | Anti-Twist Clip |
| ACUL065             | 4     | Bridge Packers  |
| ACUL299             | 2     | Bracket         |
| ACUN036             | 2 x W | Wedge Gasket    |
| ACUN3512            | 4     | Screws          |
| ACVG31N             | 2 x W | E Gasket        |



Do Not Scale From This Drawing



Open In Single Door Low Ramp Threshold



| Profile Cutting Schedule |   |  |  |          |
|--------------------------|---|--|--|----------|
| ETD410                   | 1 |  |  | W        |
| ETD410                   | 2 |  |  | H - 15   |
| ETD495                   | 1 |  |  | W        |
| EUD03                    | 2 |  |  | W        |
| ETD424                   | 2 |  |  | W - 68   |
| ETD424                   | 2 |  |  | H - 55   |
| ETD496                   | 1 |  |  | W - 115  |
| BEAD                     | 2 |  |  | H - 250  |
| BEAD                     | 2 |  |  | W - 225  |
| PCX15                    | 2 |  |  | H - 68.5 |
| PCX15                    | 1 |  |  | W - 106  |
| PCX47                    | 2 |  |  | H - 56   |
| PCX47                    | 2 |  |  | W - 82   |
| VL72                     | 1 |  |  | W - 139  |

| MIDRAIL | ETD430 | 1 |  | W - 225  |
|---------|--------|---|--|----------|
|         | BEAD   | 4 |  | W - 225  |
|         | BEAD   | 2 |  | H1 - 177 |
|         | BEAD   | 2 |  | H2 - 190 |

| Glass Sizes              |            |         |
|--------------------------|------------|---------|
| Without ETD430           | H - 221    | W - 234 |
| Top Glass With ETD430    | H2 - 161   | W - 234 |
| Bottom Glass With ETD430 | H1 - 138.5 | W - 234 |

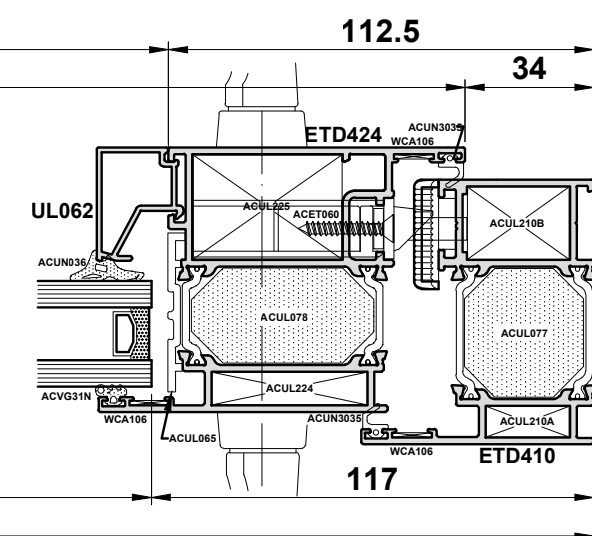
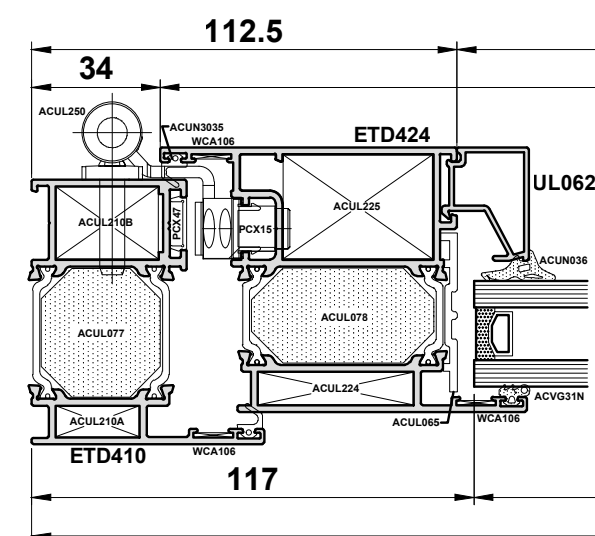
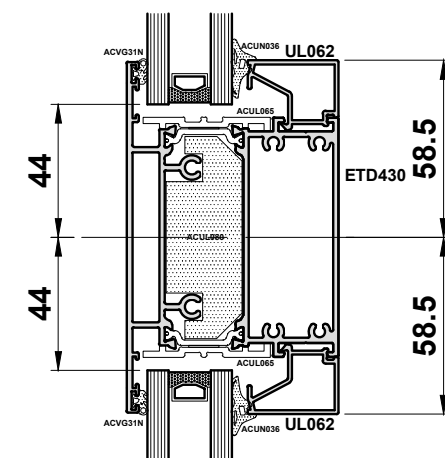
| Accessories       |                   |                         |
|-------------------|-------------------|-------------------------|
| ACCY6035S3        | 1                 | Euro Cylinder           |
| **                | **                | Handles                 |
| ACSH038N          | 2 x W - 115       | Woolpile                |
| ACET060           | 4                 | Screw for ACET4195      |
| ACET060           | 16                | Screw for Lock          |
| ACET066           | 2 x W - 100 / 300 | Fixing Screw for ETD496 |
| ACET234           | 1 x W             | Flipper Gasket          |
| ACET4195          | Pair              | ETD495 End Cap          |
| ACET4196          | Pair              | ETD496 End Cap          |
| ACET475           | 2                 | Run Up Block            |
| ACIM062           | 12                | Screw for ACUL250       |
| ACSH038N          | 2 x W             | Brush Pile              |
| ACUL065           | 10                | Bridge Packers          |
| ACUL077           | W & 2 x H         | Outer Frame Foam        |
| ACUL078           | 2 x W & 2 x H     | Sash Foam               |
| ACUL210A          | 2                 | Outer Frame Cleat       |
| ACUL210B          | 2                 | Outer Frame Cleat       |
| ACUL224           | 4                 | Sash Cleat              |
| ACUL225           | 4                 | Sash Cleat              |
| ACUL250           | 3                 | Hinge                   |
| ACUL295           | 2                 | Low Threshold Bracket   |
| ACUN036           | 2 x W & 2 x H     | Wedge Gasket            |
| ACUN3035          | 2 x W & 4 x H     | Flipper Gasket          |
| ACUN3512          | 9                 | Screw for ACUL250       |
| ACVG31N           | 2 x W & 2 x H     | E Gasket                |
| ACVL059 / ACVL072 | 1 Pair            | VL72 End Cap            |
| ACVL061           | W/300 + 2         | VL72 Rivet              |

|        |    |              |
|--------|----|--------------|
| WCA106 | 10 | Chevrans     |
| *      | 1  | Primary Lock |

\*See Page E20 for lock options.

\*\*See B & E for handle options.

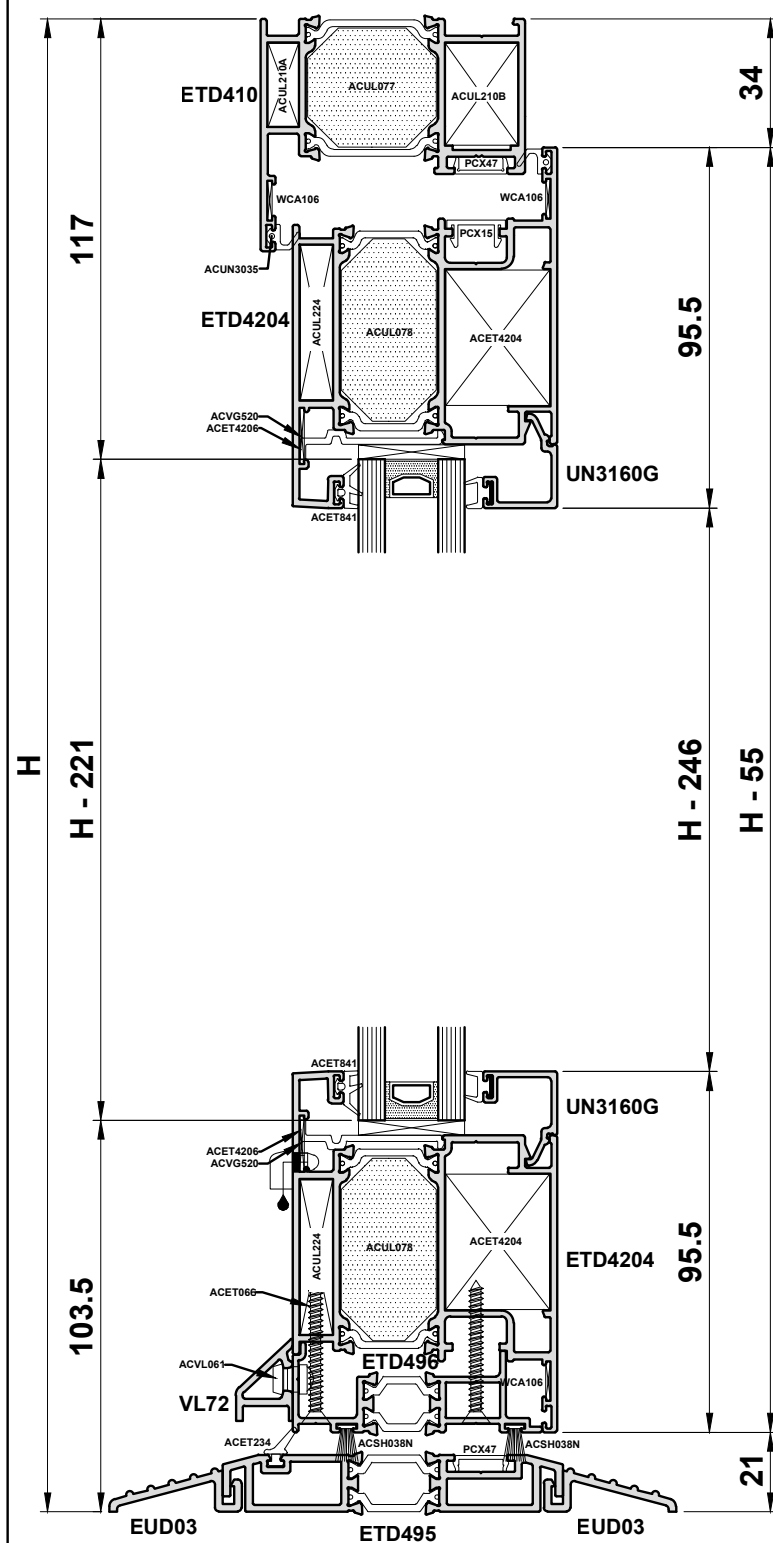
| Midrail Accessories |       |                 |
|---------------------|-------|-----------------|
| ACUL080             | W     | ETD430 Foam     |
| ACUL025             | 4     | Anti-Twist Clip |
| ACUL065             | 4     | Bridge Packers  |
| ACUL299             | 2     | Bracket         |
| ACUN036             | 2 x W | Wedge Gasket    |
| ACUN3512            | 4     | Screws          |
| ACVG31N             | 2 x W | E Gasket        |

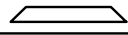
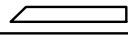
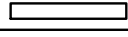
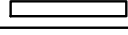
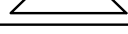
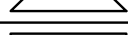
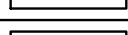
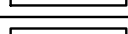
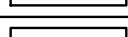
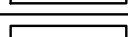
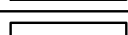
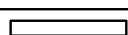
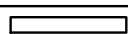


Do Not Scale From This Drawing

## Alitherm 400 Stepped Door

## Open In Single Door Low Ramp Threshold Quick-Glaze Bead



| Profile Cutting Schedule |   |                                                                                     |                                                                                     |          |
|--------------------------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|
| ETD410                   | 1 |  |  | W        |
| ETD410                   | 2 |  |  | H - 15   |
| ETD495                   | 1 |  |  | W        |
| EUD03                    | 2 |  |  | W        |
| ETD4204                  | 2 |  |  | W - 68   |
| ETD4204                  | 2 |  |  | H - 55   |
| ETD496                   | 1 |  |  | W - 115  |
| UN3160G                  | 2 |  |  | H - 246  |
| UN3160G                  | 2 |  |  | W - 225  |
| PCX15                    | 2 |  |  | H - 68.5 |
| PCX15                    | 1 |  |  | W - 106  |
| PCX47                    | 2 |  |  | H - 56   |
| PCX47                    | 2 |  |  | W - 82   |
| VL72                     | 1 |  |  | W - 139  |

|         |         |   |                                                                                     |                                                                                     |            |
|---------|---------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|
| MIDRAIL | ETD4301 | 1 |  |  | W - 225    |
|         | UN3160G | 4 |  |  | W - 225    |
|         | UN3160G | 2 |  |  | H1 - 174.5 |
|         | UN3160G | 2 |  |  | H2 - 187.5 |

| Glass Sizes                      |            |         |
|----------------------------------|------------|---------|
| <u>Without</u> ETD4301           | H - 221    | W - 234 |
| Top Glass <u>With</u> ETD4301    | H2 - 162   | W - 234 |
| Bottom Glass <u>With</u> ETD4301 | H1 - 148.5 | W - 234 |

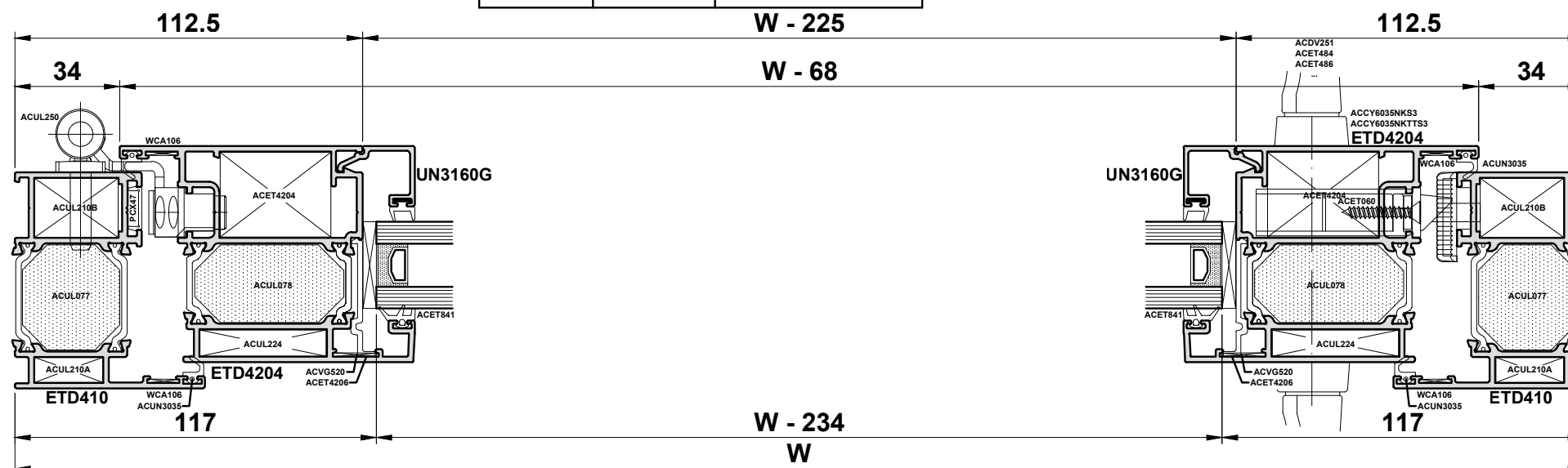
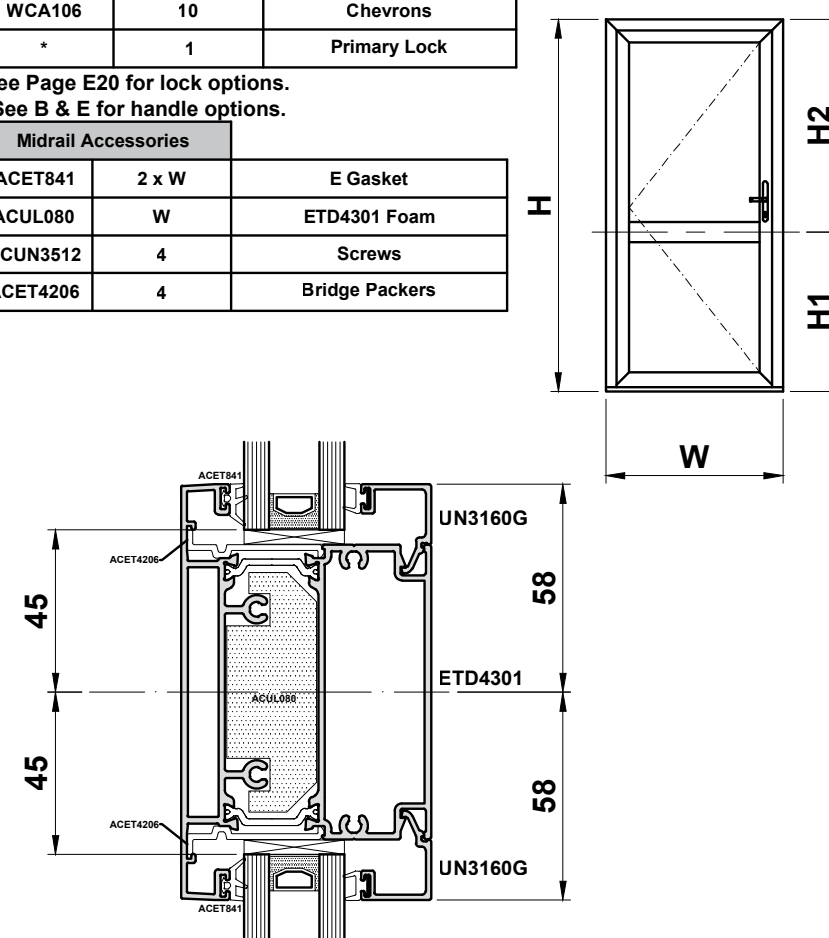
| Accessories          |                   |                         |
|----------------------|-------------------|-------------------------|
| ACCY6035S3           | 1                 | Euro Cylinder           |
| **                   | **                | Handles                 |
| ACSH038N             | 2 x W - 115       | Woolpile                |
| ACET060              | 4                 | Screw for ACET4195      |
| ACET060              | 16                | Screw for Lock          |
| ACET066              | 2 x W - 100 / 300 | Fixing Screw for ETD496 |
| ACET234              | 1 x W             | Flipper Gasket          |
| ACET4195             | Pair              | ETD495 End Cap          |
| ACET4196             | Pair              | ETD496 End Cap          |
| ACET4204             | 4                 | Sash Cleat              |
| ACET4206             | 10                | Bridge Packers          |
| ACET475              | 2                 | Run Up Block            |
| ACET841              | 2 x W & 2 x H     | E Gasket                |
| ACIM062              | 12                | Screw for ACUL250       |
| ACSH038N             | 2 x W             | Brush Pile              |
| ACUL077              | W & 2 x H         | Outer Frame Foam        |
| ACUL078              | 2 x W & 2 x H     | Sash Foam               |
| ACUL210A             | 2                 | Outer Frame Cleat       |
| ACUL210B             | 2                 | Outer Frame Cleat       |
| ACUL224              | 4                 | Sash Cleat              |
| ACUL250              | 3                 | Hinge                   |
| ACUL295              | 2                 | Low Threshold Bracket   |
| ACUN3035             | 2 x W & 4 x H     | Flipper Gasket          |
| ACUN3512             | 9                 | Screw for ACUL250       |
| ACVL059 /<br>ACVL072 | 1 Pair            | VL72 End Cap            |
| ACVL061              | W/300 + 2         | VL72 Rivet              |

|        |    |              |
|--------|----|--------------|
| WCA106 | 10 | Chevrons     |
| *      | 1  | Primary Lock |

\*See Page E20 for lock options.

**\*\*See B & E for handle options.**

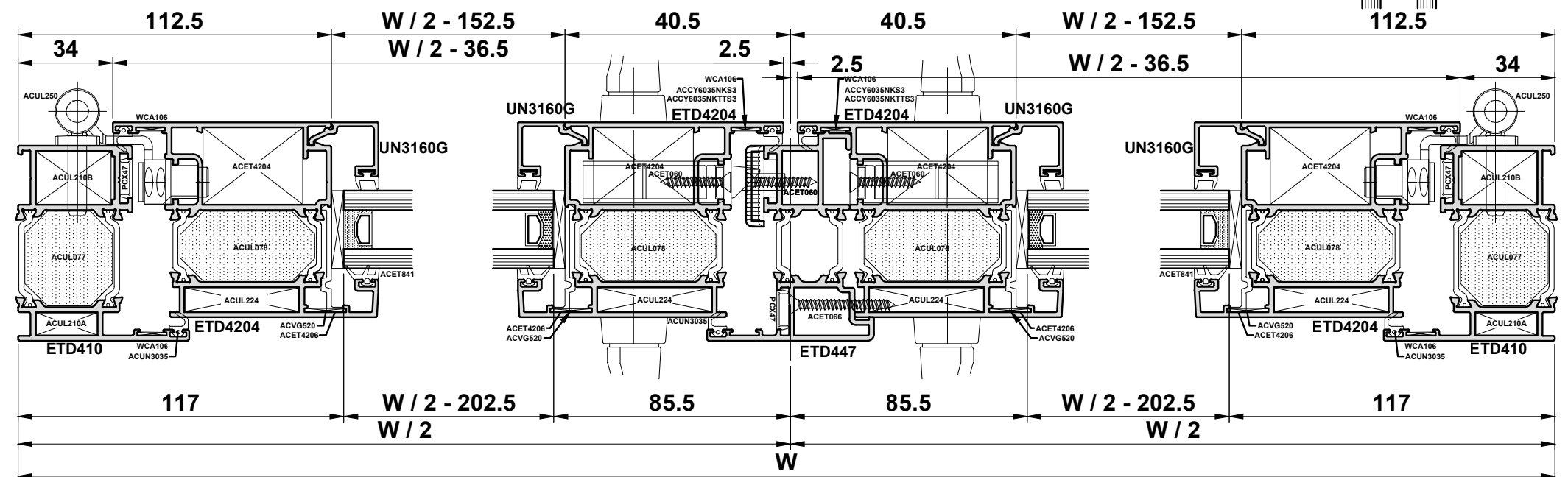
| Midrail Accessories |       |                |
|---------------------|-------|----------------|
| ACET841             | 2 x W | E Gasket       |
| ACUL080             | W     | ETD4301 Foam   |
| ACUN3512            | 4     | Screws         |
| ACET4206            | 4     | Bridge Packers |



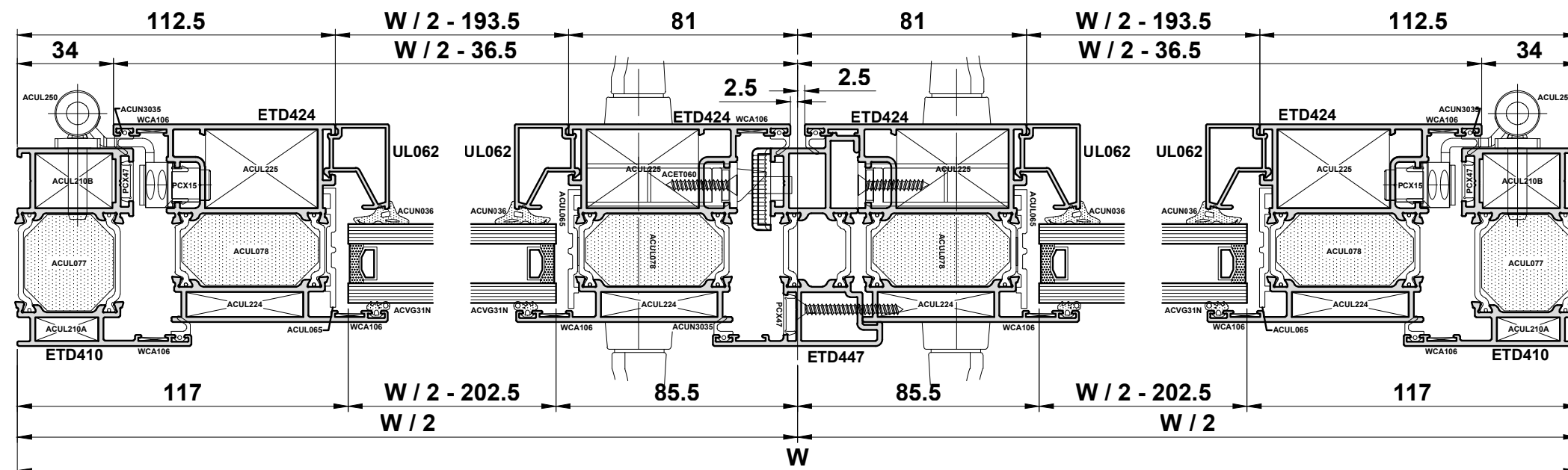
## Do Not Scale From This Drawing



## Open In Double Door Lift Lever Full Frame Quick-Glaze Bead

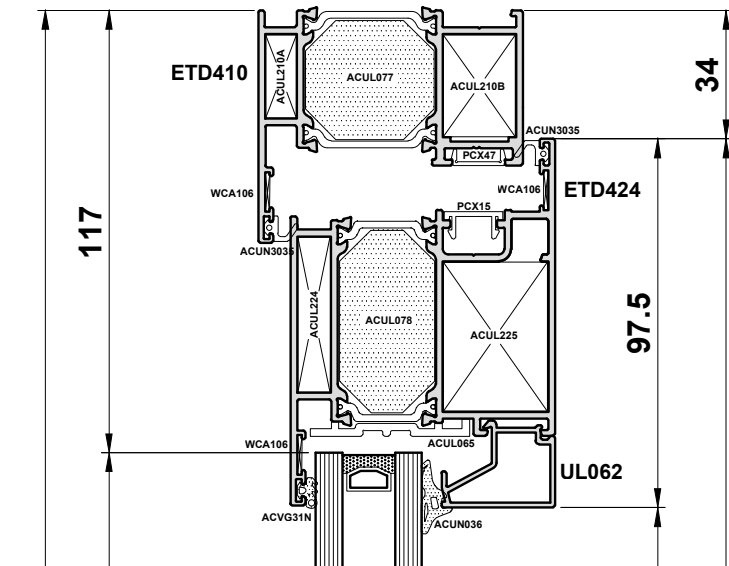


## Open In Double Door Lift Lever Full Frame

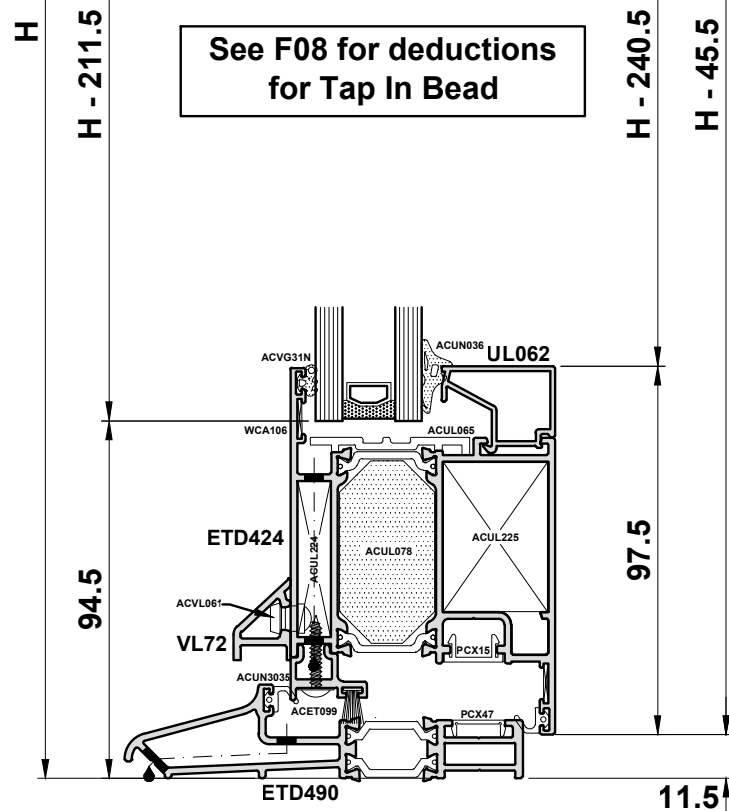


## Do Not Scale From This Drawing

Open In Double Door Lift Lever Low Rebate Threshold



See F08 for deductions  
for Tap In Bead



| Profile Cutting Schedule |   |  |  |               |
|--------------------------|---|--|--|---------------|
| ETD410                   | 1 |  |  | W             |
| ETD410                   | 2 |  |  | H - 15.5      |
| ETD490                   | 1 |  |  | W             |
| ETD424                   | 4 |  |  | W / 2 - 36.5  |
| ETD424                   | 4 |  |  | H - 45.5      |
| ETD447                   | 1 |  |  | H - 81        |
| UL297                    | 2 |  |  | W / 2 - 79.5  |
| BEAD                     | 4 |  |  | H - 240.5     |
| BEAD                     | 4 |  |  | W / 2 - 193.5 |
| PCX15                    | 4 |  |  | H - 106       |
| PCX15                    | 4 |  |  | W / 2 - 74    |
| PCX47                    | 2 |  |  | H - 56.5      |
| PCX47                    | 1 |  |  | H - 81        |
| PCX47                    | 2 |  |  | W - 82        |
| VL72                     | 2 |  |  | W / 2 - 107   |

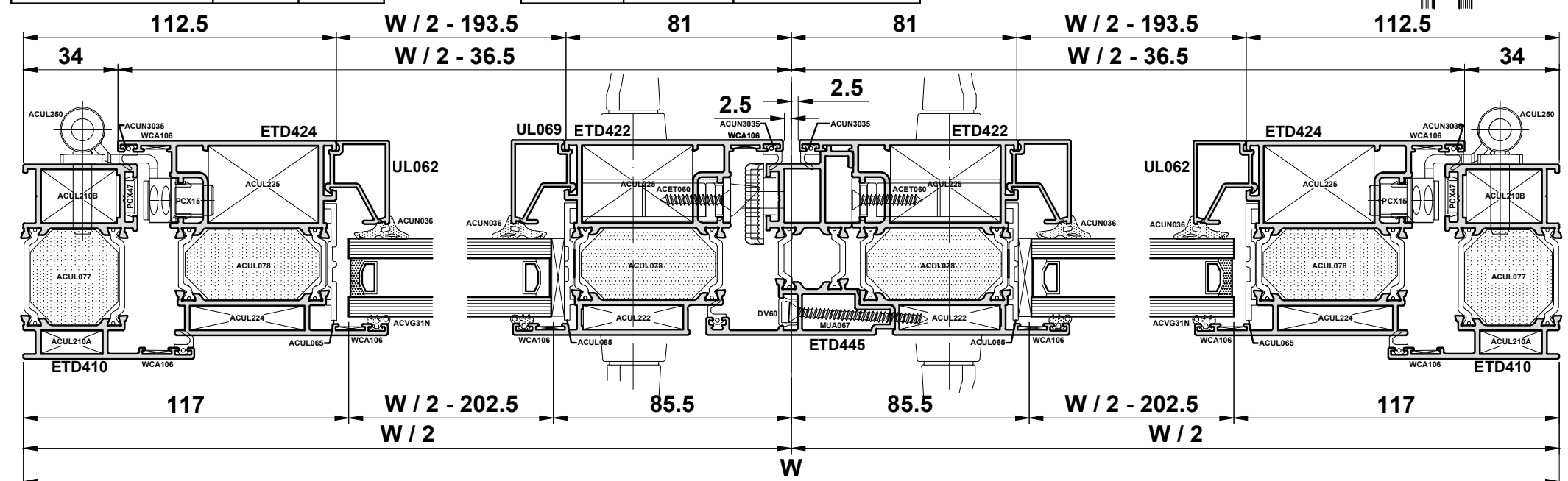
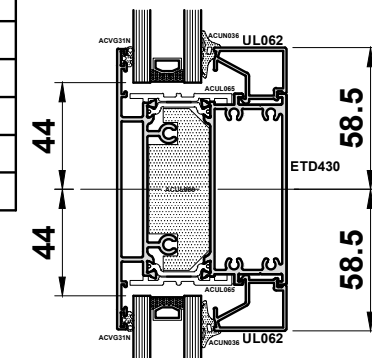
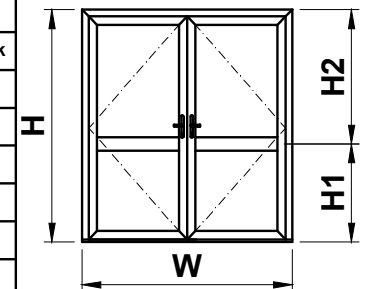
| MIDRAIL | ETD430 | 2 |  | W / 2 - 193.5 |
|---------|--------|---|--|---------------|
|         | BEAD   | 8 |  | W / 2 - 193.5 |
|         | BEAD   | 4 |  | H1 - 167.5    |
|         | BEAD   | 4 |  | H2 - 190      |

| Glass Sizes              |            |               |
|--------------------------|------------|---------------|
| Without ETD430           | H - 211.5  | W / 2 - 202.5 |
| Top Glass With ETD430    | H2 - 161   | W / 2 - 202.5 |
| Bottom Glass With ETD430 | H1 - 138.5 | W / 2 - 202.5 |

| Accessories |                   |                        |
|-------------|-------------------|------------------------|
| ACCY6035S3  | 2                 | Euro Cylinder          |
| ACDV251     | 2 Pairs           | Handles                |
| ACDV737     | 2                 | Bottom Shootbolt       |
| ACDV738     | 2                 | Top Shootbolt          |
| ACET060     | 4                 | Screw for ACET4190     |
| ACET060     | 40                | Screw for Lock & Keep  |
| ACET060     | 8                 | Screw for ACDV737/738  |
| ACET099     | W - 100 / 300     | Fixing Screw for UL297 |
| ACET4146    | Pair              | ETD447 End Cap at Cill |
| ACET4147    | Pair              | ETD447 End Cap at Head |
| ACET4190    | Pair              | ETD490 End Cap         |
| ACET4197    | 2 Pairs           | UL297 End Cap          |
| ACET475     | 4                 | Run Up Block           |
| ACIM062     | 24                | Screw for ACUL250      |
| ACSH038N    | 1 x W             | Woolpile               |
| ACUL025     | 2                 | Anti-Twist Clip        |
| ACUL065     | 20                | Bridge Packers         |
| ACUL077     | W & 2 x H         | Outer Frame Foam       |
| ACUL078     | 4 x W / 2 & 4 x H | Sash Foam              |
| ACUL210A    | 2                 | Outer Frame Cleat      |
| ACUL210B    | 2                 | Outer Frame Cleat      |
| ACUL224     | 8                 | Sash Cleat             |
| ACUL225     | 8                 | Sash Cleat             |
| ACUL250     | 6                 | Hinge                  |

|           |                   |                          |
|-----------|-------------------|--------------------------|
| ACUL276   | 1                 | Secondary Lock           |
| ACUL277/8 | 1                 | Double Door Primary Lock |
| ACUL279   | 1                 | Double Door Keep Kit     |
| ACUL295   | 2                 | Low Threshold Bracket    |
| ACUN036   | 4 x W / 2 & 4 x H | Wedge Gasket             |
| ACUN3035  | 4 W & 7 x H       | Flipper Gasket           |
| ACUN3512  | 18                | Screw for ACUL250        |
| ACUN3513  | 2 + H / 300       | Screw for ETD447         |
| ACVG31N   | 4 x W / 2 & 4 x H | E Gasket                 |
| ACVL072   | 2 Pair            | VL72 End Cap             |
| ACVL061   | W/300 + 2         | VL72 Rivet               |
| WCA106    | 18                | Chevrons                 |

| Midrail Accessories |           |                 |
|---------------------|-----------|-----------------|
| ACUL080             | 2 x W / 2 | ETD430 Foam     |
| ACUL065             | 8         | Bridge Packer   |
| ACUL025             | 8         | Anti-Twist Clip |
| ACUL299             | 2         | Bracket         |
| ACUN036             | 4 x W / 2 | Wedge Gasket    |
| ACUN3512            | 4         | Screw           |
| ACVG31N             | 4 x W / 2 | E Gasket        |

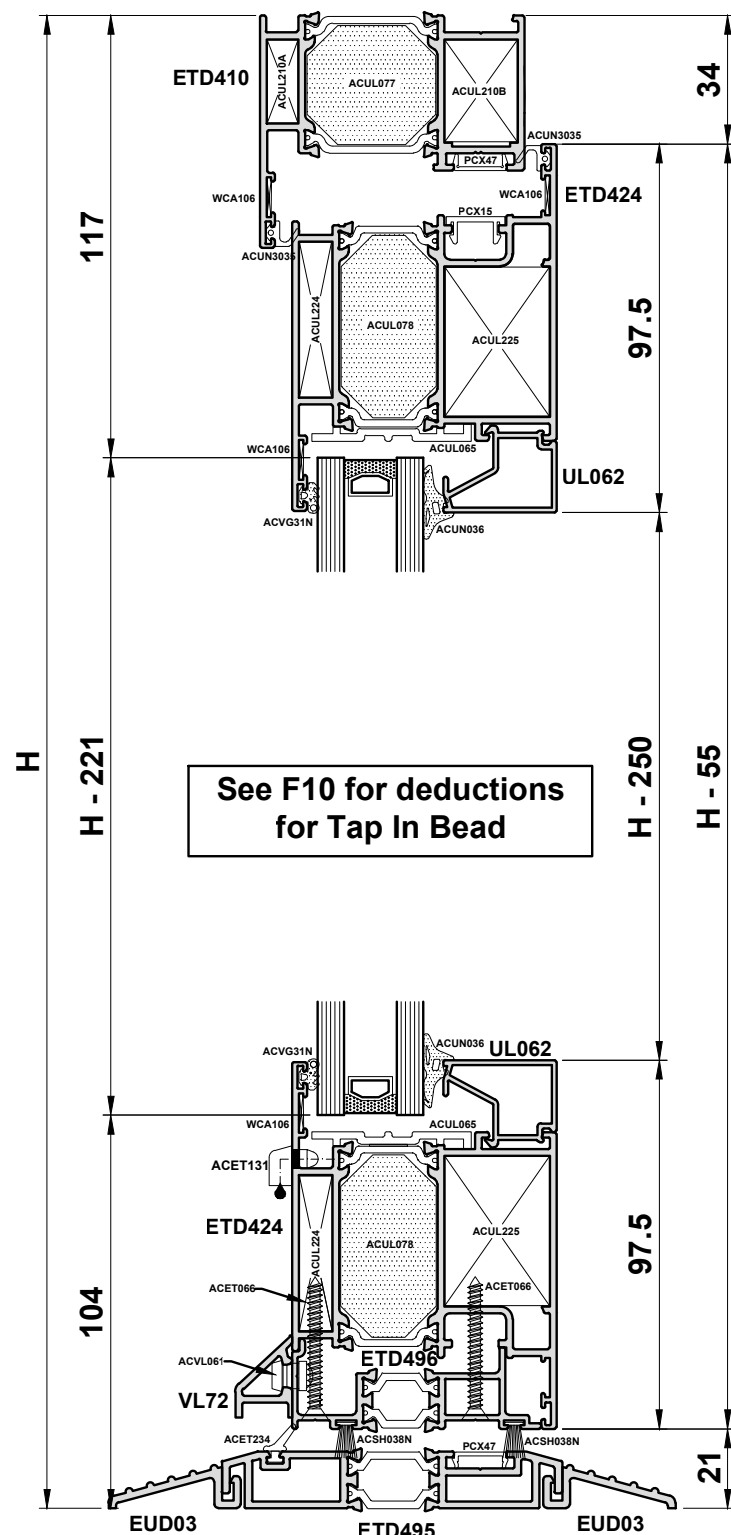


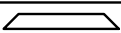
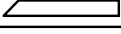
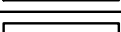
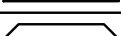
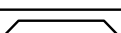
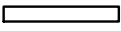
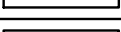
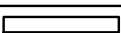
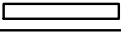
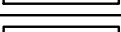
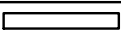
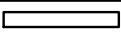
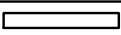
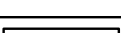
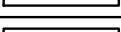
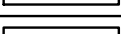
Do Not Scale From This Drawing



## Alitherm 400 Stepped Door

## Open In Double Door Lift Lever Low Ramp Threshold



| Profile Cutting Schedule |   |                                                                                       |                                                                                       |               |
|--------------------------|---|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|
| ETD410                   | 1 |    |    | W             |
| ETD410                   | 2 |    |    | H - 15        |
| ETD495                   | 1 |    |    | W             |
| EUD03                    | 2 |    |    | W             |
| ETD424                   | 4 |    |    | W / 2 - 36.5  |
| ETD424                   | 4 |    |    | H - 55        |
| ETD496                   | 2 |    |    | W / 2 - 84.5  |
| ETD447                   | 1 |    |    | H - 81        |
| BEAD                     | 4 |    |    | H - 250       |
| BEAD                     | 4 |    |    | W / 2 - 193.5 |
| PCX15                    | 4 |    |    | H - 68        |
| PCX15                    | 4 |    |    | W / 2 - 75    |
| PCX47                    | 2 |    |    | H - 55        |
| PCX47                    | 1 |    |    | H - 81        |
| PCX47                    | 2 |   |   | W - 82        |
| VL72                     | 2 |  |  | W / 2 - 107   |

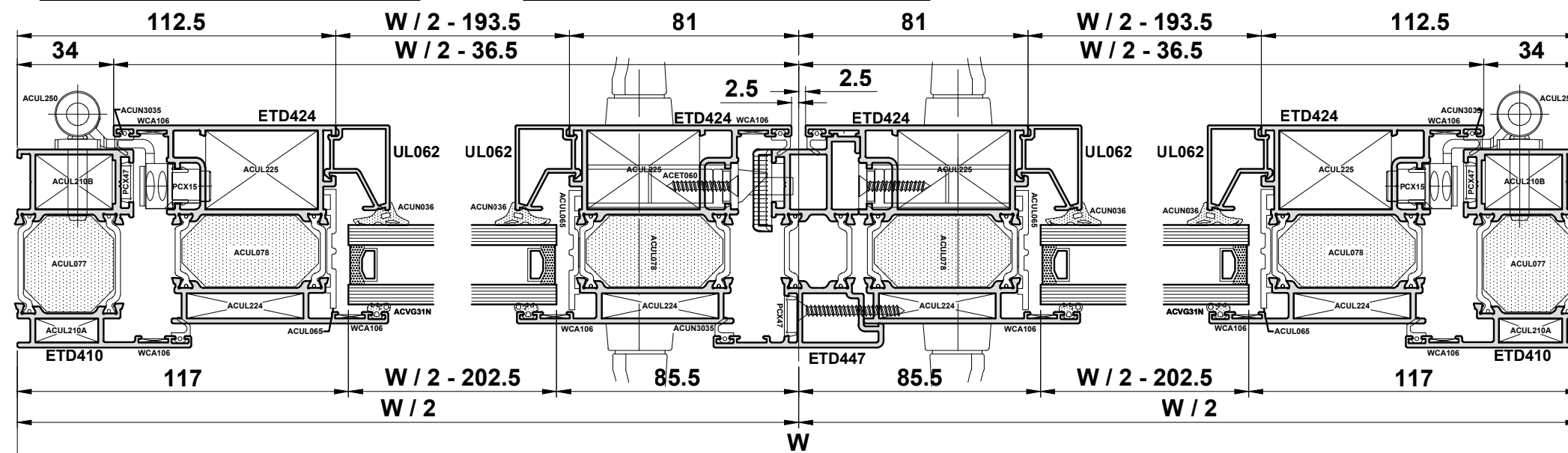
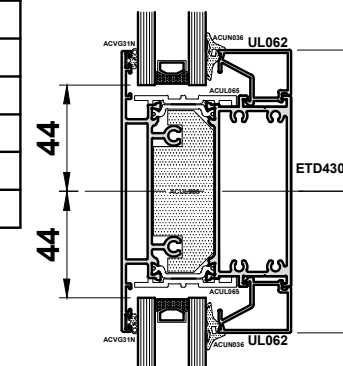
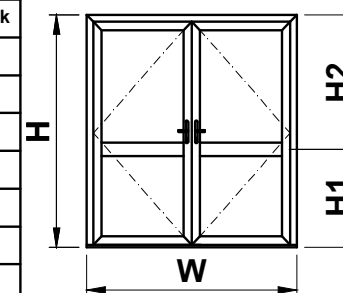
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|---------|--------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------|
| MIDRAIL | ETD430 | 2 |  |  | W / 2 - 193. |
|         | BEAD   | 8 |  |  | W / 2 - 193. |
|         | BEAD   | 4 |  |  | H1 - 177     |
|         | BEAD   | 4 |  |  | H2 - 190     |

| Glass Sizes                     |          |               |
|---------------------------------|----------|---------------|
| <u>Without</u> ETD430           | H - 221  | W / 2 - 202.5 |
| Top Glass <u>With</u> ETD430    | H2 - 161 | W / 2 - 202.5 |
| Bottom Glass <u>With</u> ETD430 | H1 - 148 | W / 2 - 202.5 |

| Accessories |                   |                          |
|-------------|-------------------|--------------------------|
| ACCY6035S3  | 2                 | Euro Cylinder            |
| ACDV251     | 2 Pairs           | Handles                  |
| ACDV737     | 2                 | Bottom Shootbolt         |
| ACDV738     | 2                 | Top Shootbolt            |
| ACET060     | 4                 | Fixing Screw for ACET419 |
| ACET060     | 40                | Screw for Lock & Keep    |
| ACET060     | 8                 | Screw for ACDV737/738    |
| ACET066     | 2 x W - 100 / 300 | Fixing Screw for ETD496  |
| ACET234     | 1 x W             | Flipper Gasket           |
| ACET4142    | Kit               | ETD447/ETD496 End Cap    |
| ACET4147    | Pair              | End Cap at Head          |
| ACET4195    | Pair              | ETD495 End Cap           |
| ACET4196    | Pair              | ETD496 End Cap           |
| ACET475     | 4                 | Run Up Block             |
| ACIM062     | 24                | Screw for ACUL250        |
| ACSH038N    | 2 x W             | Woolpile                 |
| ACUL065     | 20                | Bridge Packers           |
| ACUL077     | W & 2 x H         | Outer Frame Foam         |
| ACUL078     | 4 x W / 2 & 4 x H | Sash Foam                |
| ACUL210A    | 2                 | Outer Frame Cleat        |
| ACUL210B    | 2                 | Outer Frame Cleat        |
| ACUL224     | 8                 | Sash Cleat               |
| ACUL225     | 8                 | Sash Cleat               |
| ACUL250     | 6                 | Hinge                    |
| ACUL276     | 1                 | Secondary Lock           |

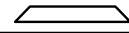
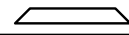
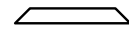
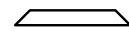
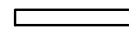
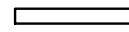
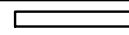
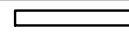
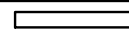
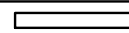
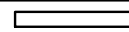
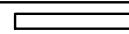
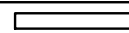
|           |                   |                         |
|-----------|-------------------|-------------------------|
| ACUL277/8 | 1                 | Double Door Primary Loc |
| ACUL279   | 1                 | Double Door Keep Kit    |
| ACUL295   | 2                 | Low Threshold Bracket   |
| ACUN036   | 4 x W / 2 & 4 x H | Wedge Gasket            |
| ACUN3035  | 4 x W & 7 x H     | Flipper Gasket          |
| ACUN3512  | 18                | Screw for ACUL250       |
| ACUN3513  | 2 + H / 300       | Screw for ETD447        |
| ACVG31N   | 4 x W / 2 & 4 x H | E Gasket                |
| ACVL072   | 2 Pair            | VL72 End Cap            |
| ACVL061   | W/300 + 2         | VL72 Rivet              |
| WCA106    | 18                | Chevrans                |

| Midrail Accessories |           |                 |
|---------------------|-----------|-----------------|
| ACUL080             | 2 x W / 2 | ETD430 Foam     |
| ACUL065             | 8         | Bridge Packer   |
| ACUL025             | 8         | Anti-Twist Clip |
| ACUL299             | 2         | Bracket         |
| ACUN036             | 4 x W / 2 | Wedge Gasket    |
| ACUN3512            | 4         | Screw           |
| ACVG31N             | 4 x W / 2 | E Gasket        |



## Do Not Scale From This Drawing

## Open In Double Door Finger Bolt Full Frame

| Profile Cutting Schedule |   |                                                                                     |                                                                                     |               |
|--------------------------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
| ETD410                   | 2 |  |  | W             |
| ETD410                   | 2 |  |  | H             |
| ETD424                   | 4 |  |  | W / 2 - 40    |
| ETD424                   | 4 |  |  | H - 68        |
| ETD448                   | 1 |  |  | H - 110       |
| BEAD                     | 4 |  |  | H - 263       |
| BEAD                     | 4 |  |  | W / 2 - 197   |
| PCX15                    | 4 |  |  | H - 106       |
| PCX15                    | 4 |  |  | W / 2 - 58    |
| PCX47                    | 2 |  |  | H - 82        |
| PCX47                    | 1 |  |  | H - 110       |
| PCX47                    | 2 |  |  | W / 2 - 82    |
| VL72                     | 2 |  |  | W / 2 - 119.5 |

|         |        |   |                                                                                     |                                                                                     |             |
|---------|--------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|
| MIDRAIL | ETD430 | 1 |  |  | W / 2 - 197 |
|         | BEAD   | 8 |  |  | W / 2 - 197 |
|         | BEAD   | 4 |  |  | H2 - 190    |
|         | BEAD   | 4 |  |  | H1 - 190    |

| Glass Sizes                     |          |             |
|---------------------------------|----------|-------------|
| <u>Without</u> ETD430           | H - 234  | W / 2 - 206 |
| Top Glass <u>With</u> ETD430    | H2 - 161 | W / 2 - 206 |
| Bottom Glass <u>With</u> ETD430 | H1 - 161 | W / 2 - 206 |

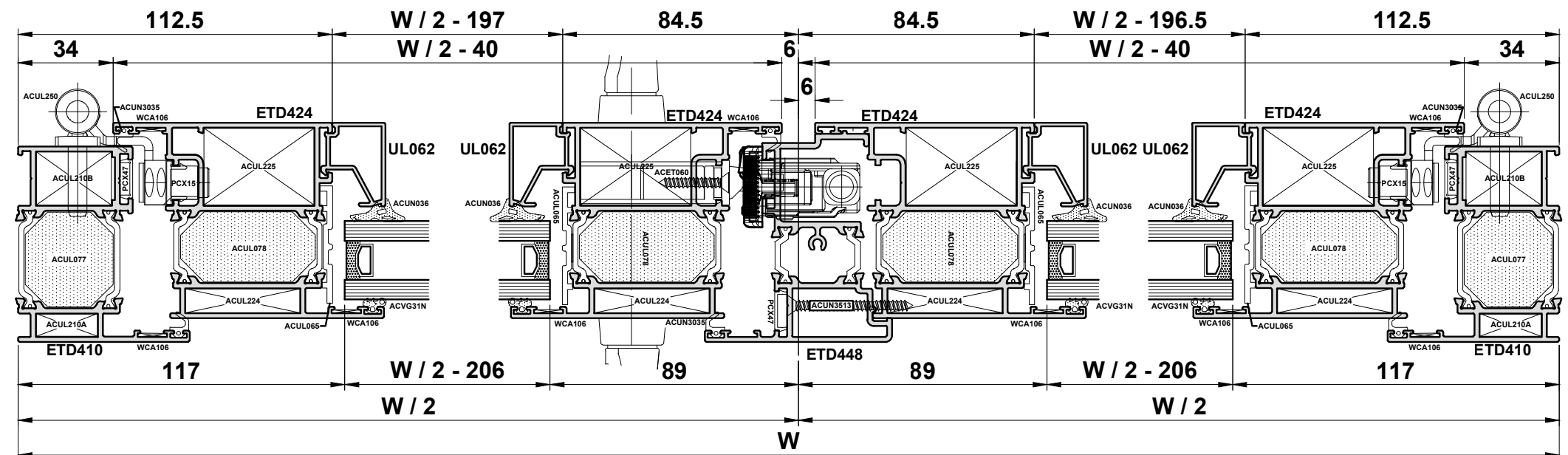
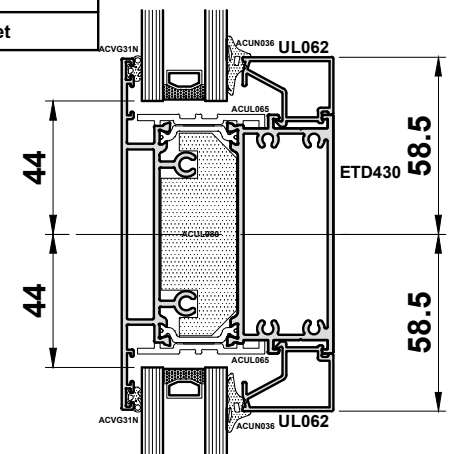
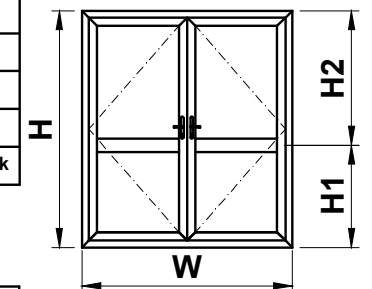
| Accessories |                   |                         |
|-------------|-------------------|-------------------------|
| ACCY6035S3  | 1                 | Euro Cylinder           |
| **          | **                | Handles                 |
| ACET060     | 16                | Screw for Lock          |
| ACET131     | 4                 | Drainage Cap            |
| ACET4148    | Pair              | ETD448 End Cap          |
| ACET475     | 4                 | Run Up Block            |
| ACIM062     | 24                | Screw for ACUL250       |
| ACPD844     | 1                 | Shootbolt Adaptor       |
| ACPD84..    | 2                 | 10mm Dia Glavanised Rod |
| ACSM015     | Pair              | Escutcheon              |
| ACUL065     | 20                | Bridge Packers          |
| ACUL077     | 2 x W & 2 x H     | Outer Frame Foam        |
| ACUL078     | 4 x W / 2 & 4 x H | Sash Foam               |
| ACUL210A    | 4                 | Outer Frame Cleat       |
| ACUL210B    | 4                 | Outer Frame Cleat       |
| ACUL224     | 8                 | Sash Cleat              |
| ACUL225     | 8                 | Sash Cleat              |
| ACUL242     | 2                 | Finger Bolt Guide       |
| ACUL250     | 6                 | Hinge                   |
| ACUL390     | Pair              | Finger Bolt Flat Keep   |
| ACUN036     | 4 x W / 2 & 4 x H | Wedge Gasket            |
| ACUN3035    | 4 x W & 6 x H     | Flipper Gasket          |
| ACUN3512    | 18                | Screw for ACUL250       |
| ACUN3513    | 2 + H / 300       | Screw for ETD448        |

|         |                   |                          |
|---------|-------------------|--------------------------|
| ACVG31N | 4 x W / 2 & 4 x H | E Gasket                 |
| ACVL072 | 2 Pairs           | VL72 End Cap             |
| ACVL061 | W/300 + 2         | VL72 Rivet               |
| WCA106  | 20                | Chevron                  |
| *       | 1                 | Double Door Primary Lock |

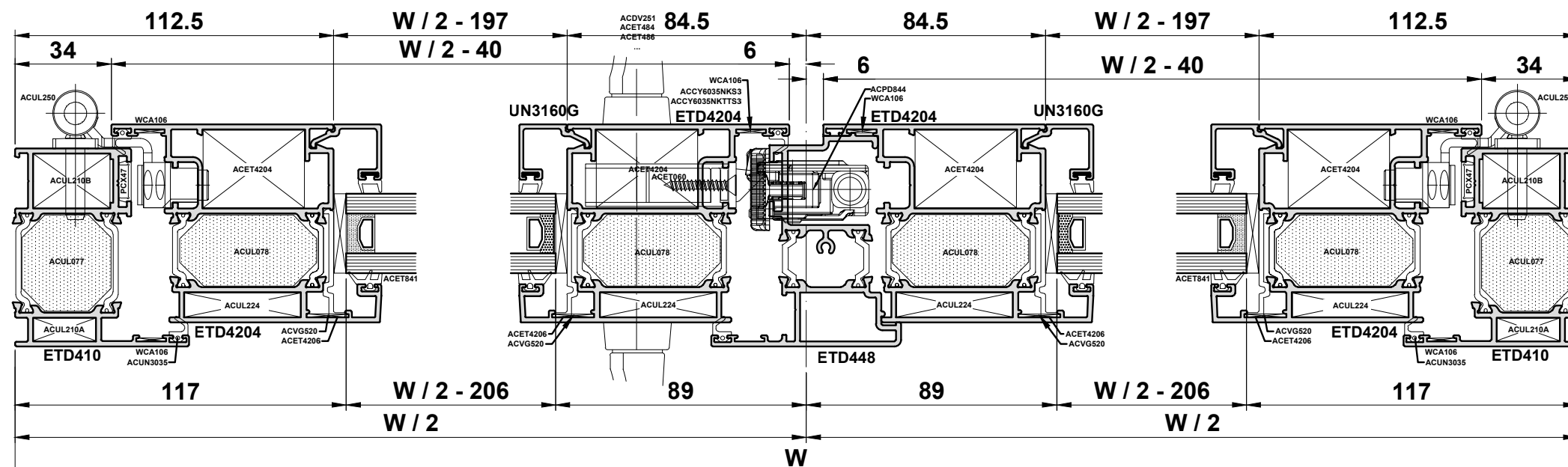
**\*See Page E20 for lock options.**

**\*\*See B & E for handle options.**

| Midrail Accessories |           |                 |
|---------------------|-----------|-----------------|
| ACUL080             | 2 x W / 2 | ETD430 Foam     |
| ACUL065             | 8         | Bridge Packer   |
| ACUL025             | 8         | Anti-Twist Clip |
| ACUL299             | 2         | Bracket         |
| ACUN036             | 4 x W / 2 | Wedge Gasket    |
| ACUN3512            | 4         | Screw           |
| ACVG31N             | 4 x W / 2 | E Gasket        |



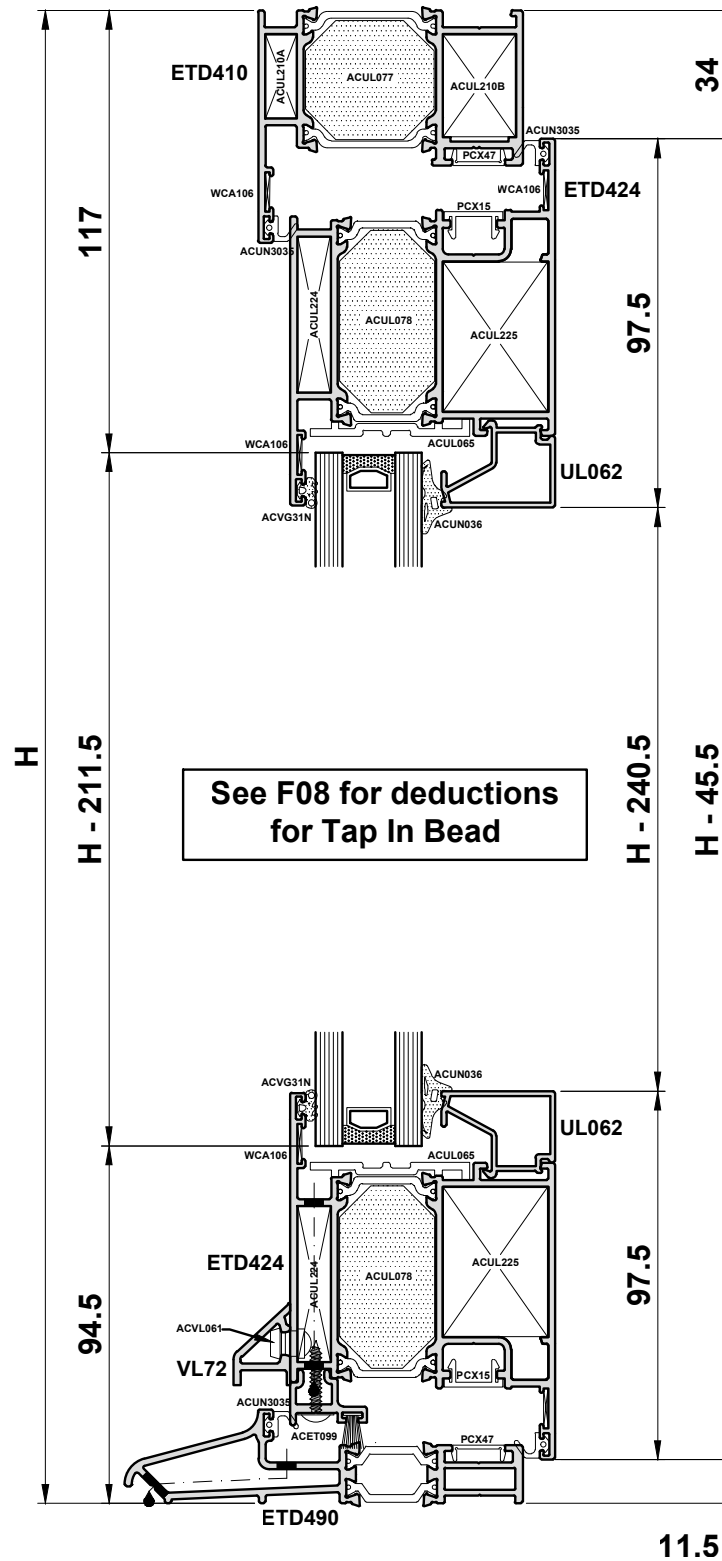
**Do Not Scale From This Drawing**



## Do Not Scale From This Drawing



Open In Double Door Finger Bolt Low Rebate Threshold



| Profile Cutting Schedule |   |  |  |               |
|--------------------------|---|--|--|---------------|
| ETD410                   | 1 |  |  | W             |
| ETD410                   | 2 |  |  | H - 15.5      |
| ETD490                   | 1 |  |  | W             |
| ETD424                   | 4 |  |  | W / 2 - 40    |
| ETD424                   | 4 |  |  | H - 45.5      |
| ETD448                   | 1 |  |  | H - 81        |
| UL297                    | 2 |  |  | W / 2 - 83    |
| BEAD                     | 4 |  |  | H - 240.5     |
| BEAD                     | 4 |  |  | W / 2 - 197   |
| PCX15                    | 4 |  |  | H - 106       |
| PCX15                    | 4 |  |  | W / 2 - 74    |
| PCX47                    | 2 |  |  | H - 56.5      |
| PCX47                    | 1 |  |  | H - 81        |
| PCX47                    | 2 |  |  | W - 82        |
| VL72                     | 2 |  |  | W / 2 - 110.5 |

| MIDRAIL | ETD430 | 2 |  | W / 2 - 197 |
|---------|--------|---|--|-------------|
|         | BEAD   | 8 |  | W / 2 - 197 |
|         | BEAD   | 4 |  | H1 - 167.5  |
|         | BEAD   | 4 |  | H2 - 190    |

| Glass Sizes              |            |             |
|--------------------------|------------|-------------|
| Without ETD430           | H - 211.5  | W / 2 - 206 |
| Top Glass With ETD430    | H2 - 161   | W / 2 - 206 |
| Bottom Glass With ETD430 | H1 - 138.5 | W / 2 - 206 |

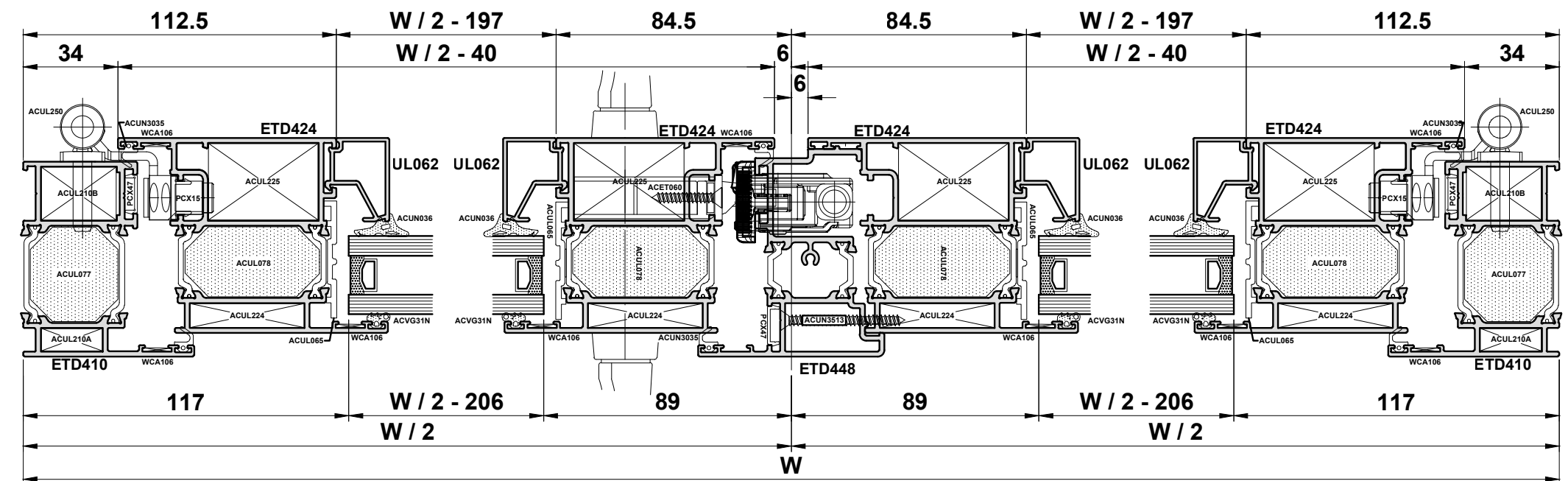
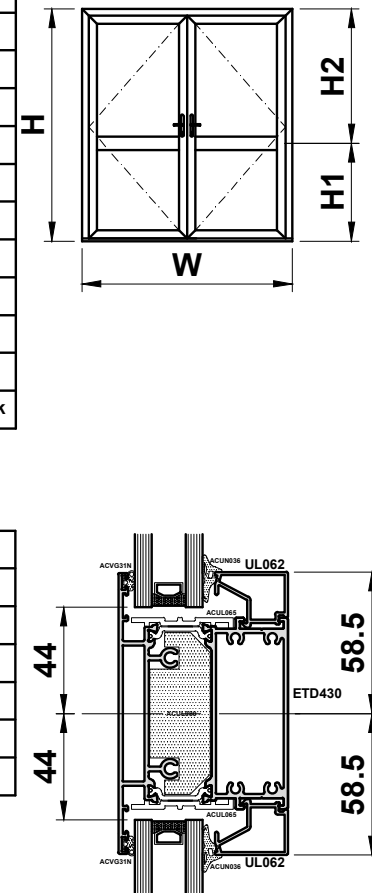
| Accessories |                   |                         |
|-------------|-------------------|-------------------------|
| ACCY6035S3  | 1                 | Euro Cylinder           |
| **          | **                | Handles                 |
| ACET060     | 4                 | Screw for ACET4190      |
| ACET060     | 16                | Screw for Lock          |
| ACET099     | W / 2 - 100 / 300 | Fixing Screw for UL297  |
| ACET4145    | Pair              | ETD448 End Cap at Cill  |
| ACET4148    | Pair              | ETD448 End Cap at Head  |
| ACET4190    | Pair              | ETD490 End Cap          |
| ACET4197    | 2 Pairs           | UL297 End Cap           |
| ACET475     | 4                 | Run Up Block            |
| ACIM062     | 24                | Screw for ACUL250       |
| ACPD844     | 1                 | Shootbolt Adaptor       |
| ACPD84..    | 2                 | 10mm Dia Galvanised Rod |
| ACSH038N    | 1 x W             | Woolpile                |
| ACSM015     | Pair              | Escutcheon              |
| ACUL065     | 20                | Bridge Packers          |
| ACUL077     | W & 2 x H         | Outer Frame Foam        |
| ACUL078     | 4 x W / 2 & 4 x H | Sash Foam               |
| ACUL210A    | 2                 | Outer Frame Cleat       |
| ACUL210B    | 2                 | Outer Frame Cleat       |
| ACUL224     | 8                 | Sash Cleat              |
| ACUL225     | 8                 | Sash Cleat              |
| ACUL242     | 2                 | Finger Bolt Guide       |

|          |                   |                          |
|----------|-------------------|--------------------------|
| ACUL250  | 6                 | Hinge                    |
| ACUL295  | 2                 | Low Threshold Bracket    |
| ACUL390  | Pair              | Finger Bolt Flat Keep    |
| ACUN036  | 4 x W / 2 & 4 x H | Wedge Gasket             |
| ACUN3035 | 4 x W & 6 x H     | Flipper Gasket           |
| ACUN3512 | 18                | Screw for ACUL250        |
| ACUN3513 | 2 + H / 300       | Screw for ETD448         |
| ACVG31N  | 4 x W / 2 & 4 x H | E Gasket                 |
| ACVL072  | 2 Pair            | VL72 End Cap             |
| ACVL061  | W/300 + 2         | VL72 Rivet               |
| WCA106   | 18                | Chevrans                 |
| *        | 1                 | Double Door Primary Lock |

\*See Page E20 for lock options.

\*\*See B & E for handle options.

| Midrail Accessories |           |                 |
|---------------------|-----------|-----------------|
| ACUL080             | 2 x W / 2 | ETD430 Foam     |
| ACUL065             | 8         | Bridge Packer   |
| ACUL025             | 8         | Anti-Twist Clip |
| ACUL299             | 2         | Bracket         |
| ACUN036             | 4 x W / 2 | Wedge Gasket    |
| ACUN3512            | 4         | Screw           |
| ACVG31N             | 4 x W / 2 | E Gasket        |



Do Not Scale From This Drawing

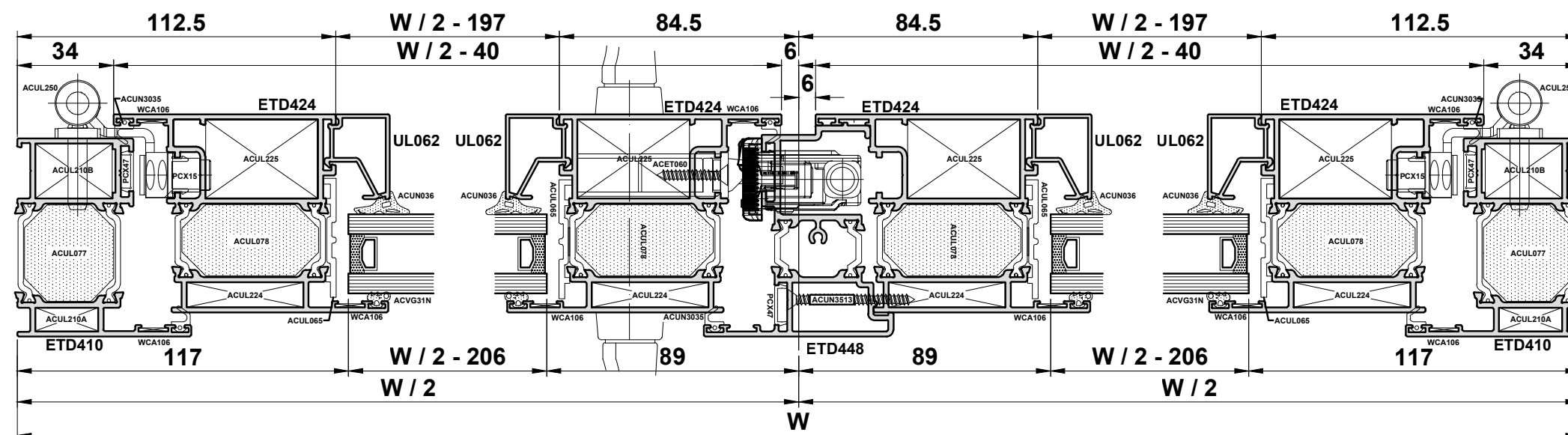
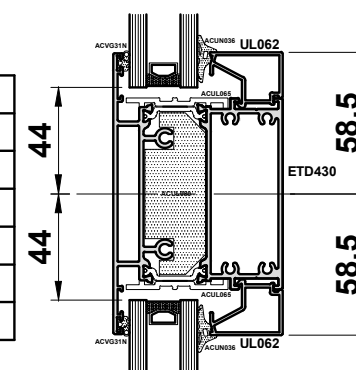


|         |        |   |                                                                                     |                                                                                     |             |
|---------|--------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|
| MIDRAIL | ETD430 | 2 |  |  | W / 2 - 197 |
|         | BEAD   | 8 |  |  | W / 2 - 197 |
|         | BEAD   | 4 |  |  | H1 - 177    |
|         | BEAD   | 4 |  |  | H2 - 190    |

| Accessories |                   |                           |
|-------------|-------------------|---------------------------|
| ACCY6035S3  | 1                 | Euro Cylinder             |
| **          | **                | Handles                   |
| ACET060     | 4                 | Fixing Screw for ACET4190 |
| ACET060     | 16                | Screw for Lock            |
| ACET066     | 2 x W - 100 / 300 | Fixing Screw for ETD496   |
| ACET234     | 1 x W             | Flipper Gasket            |
| ACET4190    | Pair              | ETD490 End Cap            |
| ACET4143    | Kit               | ETD448/ETD496 End Cap     |
| ACET4148    | Pair              | ETD448 End Cap at Head    |
| ACET4195    | Pair              | ETD495 End Cap            |
| ACET4196    | Pair              | ETD496 End Cap            |
| ACET475     | 4                 | Run Up Block              |
| ACIM062     | 24                | Screw for ACUL250         |
| ACPD844     | 1                 | Shootbolt Adaptor         |
| ACPD84..    | 2                 | 10mm Dia Glavanised Rod   |
| ACSH038N    | 2 x W             | Woolpile                  |
| ACSM015     | Pair              | Escutcheon                |
| ACUL065     | 20                | Bridge Packers            |
| ACUL077     | W & 2 x H         | Outer Frame Foam          |
| ACUL078     | 4 x W / 2 & 4 x H | Sash Foam                 |
| ACUL210A    | 2                 | Outer Frame Cleat         |
| ACUL210B    | 2                 | Outer Frame Cleat         |
| ACUL224     | 8                 | Sash Cleat                |
| ACUL225     | 8                 | Sash Cleat                |
| ACUL242     | 2                 | Finger Bolt Guide         |

\*See Page E20 for lock options.  
\*\*See B & E for handle options.

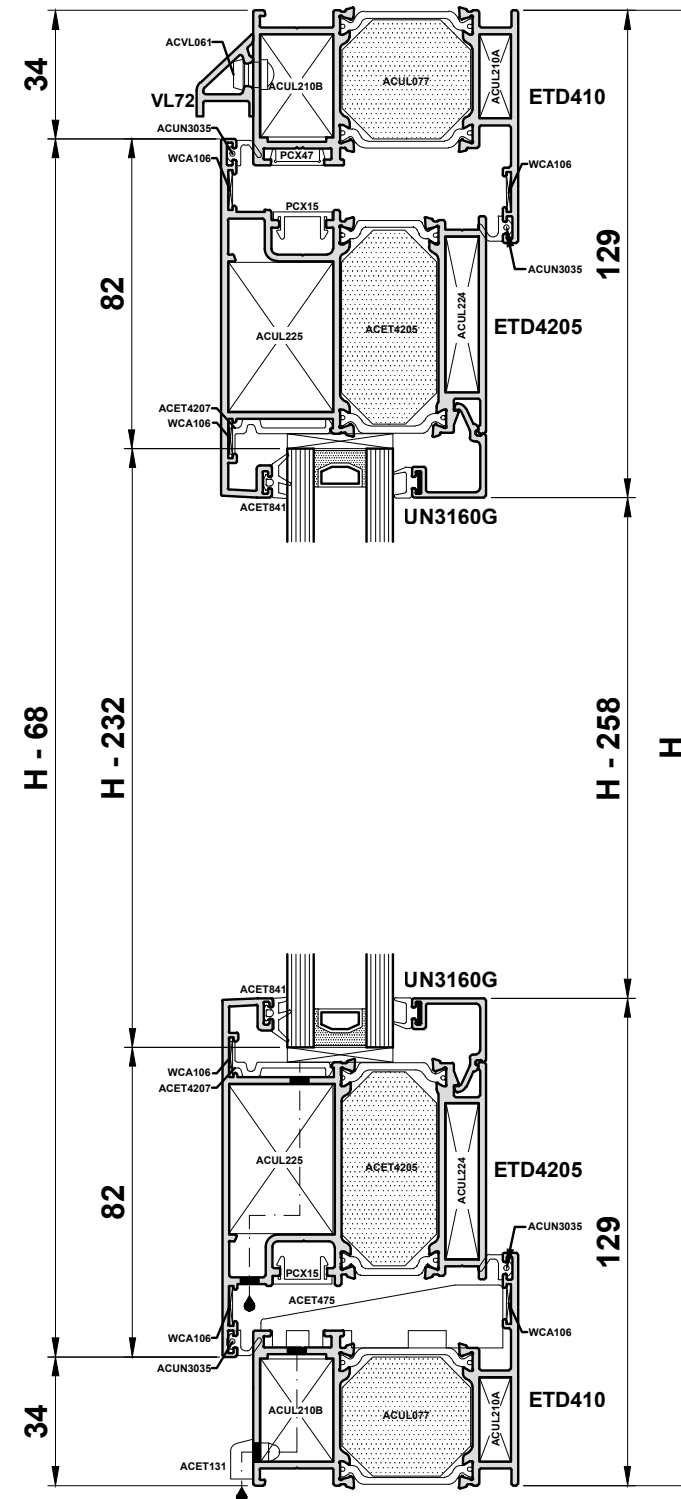
A diagram of a square window with a central cross-shaped mullion. The overall height is labeled  $H$  and the overall width is labeled  $W$ . The window is divided into four quadrants by the mullion. The height of the upper half is labeled  $H2$  and the height of the lower half is labeled  $H1$ . Dashed lines indicate the diagonal of the square frame.



## Do Not Scale From This Drawing



## Open Out Single Door Full Frame Quick-Glaze Bead



| Profile Cutting Schedule |   |  |  |         |
|--------------------------|---|--|--|---------|
| UN3160G                  | 2 |  |  | H - 258 |
| UN3160G                  | 2 |  |  | W - 224 |
| ETD410                   | 2 |  |  | W       |
| ETD410                   | 2 |  |  | H       |
| ETD4205                  | 2 |  |  | W - 68  |
| ETD4205                  | 2 |  |  | H - 68  |
| PCX15                    | 2 |  |  | H - 106 |
| PCX15                    | 2 |  |  | W - 106 |
| PCX47                    | 2 |  |  | H - 82  |
| PCX47                    | 2 |  |  | W - 82  |
| VL72                     | 1 |  |  | W - 139 |

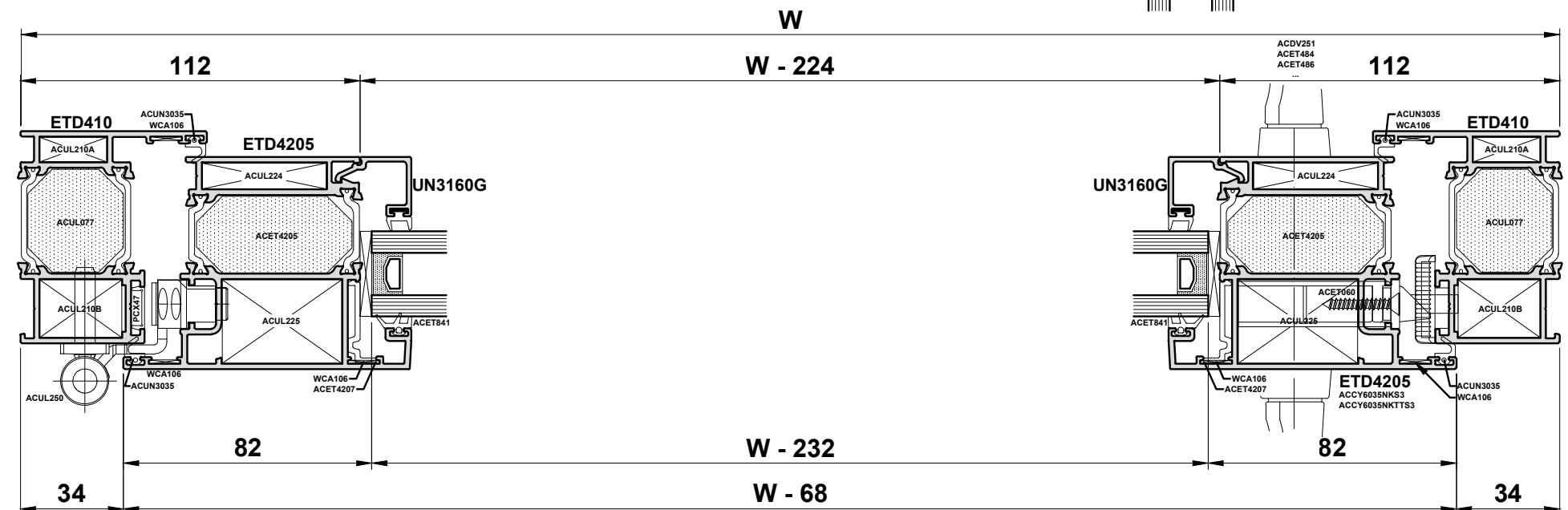
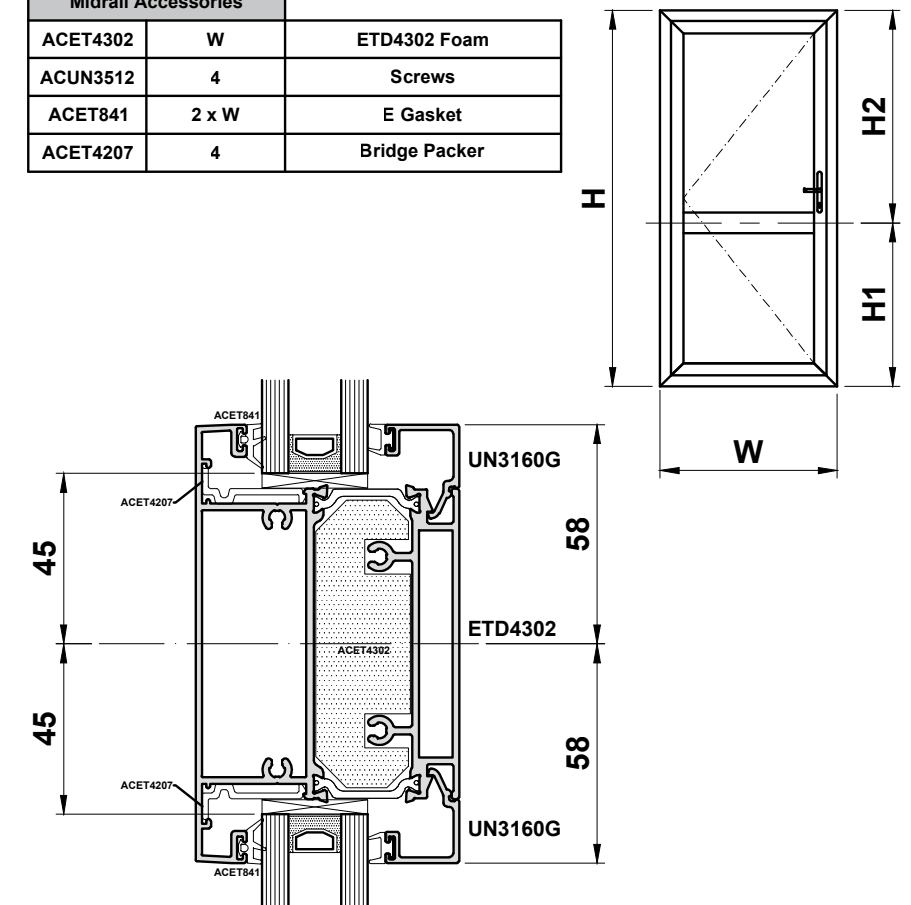
| MIDRAIL | ETD4302 | 1 |  |  | W - 224  |
|---------|---------|---|--|--|----------|
|         | UN3160G | 4 |  |  | W - 224  |
|         | UN3160G | 2 |  |  | H1 - 187 |
|         | UN3160G | 2 |  |  | H2 - 187 |
|         |         |   |  |  |          |

| Glass Sizes               |  |          |         |
|---------------------------|--|----------|---------|
| Without ETD4302           |  | H - 232  | W - 232 |
| Top Glass With ETD4302    |  | H2 - 161 | W - 232 |
| Bottom Glass With ETD4302 |  | H1 - 161 | W - 232 |

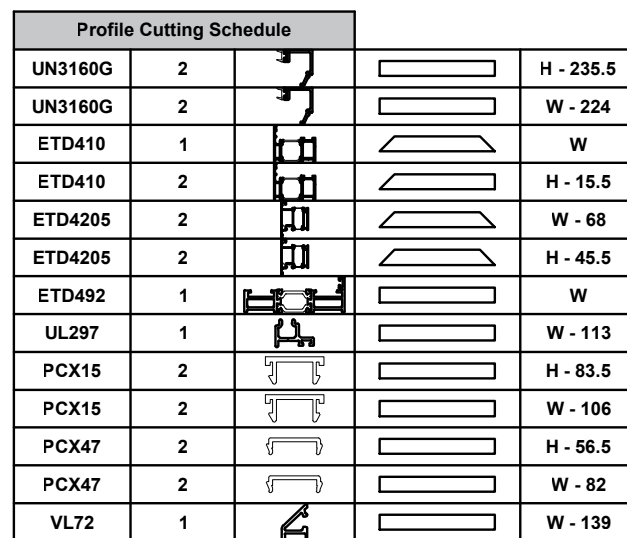
| Accessories       |               |                   |
|-------------------|---------------|-------------------|
| ACCY3560S3        | 1             | Euro Cylinder     |
| **                | **            | Handles           |
| ACET060           | 16            | Screws for Lock   |
| ACET131           | 2             | Drainage Cap      |
| ACET4205          | 2 x W & 2 x H | Sash Foam         |
| ACET4207          | 10            | Bridge Packers    |
| ACET475           | 2             | Run Up Block      |
| ACET841           | 2 x W & 2 x H | E Gasket          |
| ACIM062           | 12            | Screw for ACUL250 |
| ACUL077           | 2 x W & 2 x H | Outer Frame Foam  |
| ACUL210A          | 4             | Outer Frame Cleat |
| ACUL210B          | 4             | Outer Frame Cleat |
| ACUL224           | 4             | Sash Cleat        |
| ACUL225           | 4             | Sash Cleat        |
| ACUL250           | 3             | Hinge             |
| ACUN3035          | 4 x W & 4 x H | Flipper Gasket    |
| ACUN3512          | 9             | Screw for ACUL250 |
| ACVL059 / ACVL072 | 1 Pair        | VL72 End Cap      |
| ACVL061           | W/300 + 2     | VL72 Rivet        |
| WCA106            | 12            | Chevrans          |
| *                 | 1             | Primary Lock      |

\*See Page E72 for lock options.  
\*\*See B & E for handle options.

| Midrail Accessories |       |               |
|---------------------|-------|---------------|
| ACET4302            | W     | ETD4302 Foam  |
| ACUN3512            | 4     | Screws        |
| ACET841             | 2 x W | E Gasket      |
| ACET4207            | 4     | Bridge Packer |



Do Not Scale From This Drawing



|         |         |   |                                                                                     |                                                                                     |            |
|---------|---------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|
| MIDRAIL | ETD4302 | 1 |  |  | W - 224    |
|         | UN3160G | 4 |  |  | W - 224    |
|         | UN3160G | 2 |  |  | H1 - 164.5 |
|         | UN3160G | 2 |  |  | H2 - 187   |

| Glass Sizes                      |            |         |
|----------------------------------|------------|---------|
| <u>Without</u> ETD4302           | H - 209.5  | W - 232 |
| Top Glass <u>With</u> ETD4302    | H2 - 161   | W - 232 |
| Bottom Glass <u>With</u> ETD4302 | H1 - 138.5 | W - 232 |

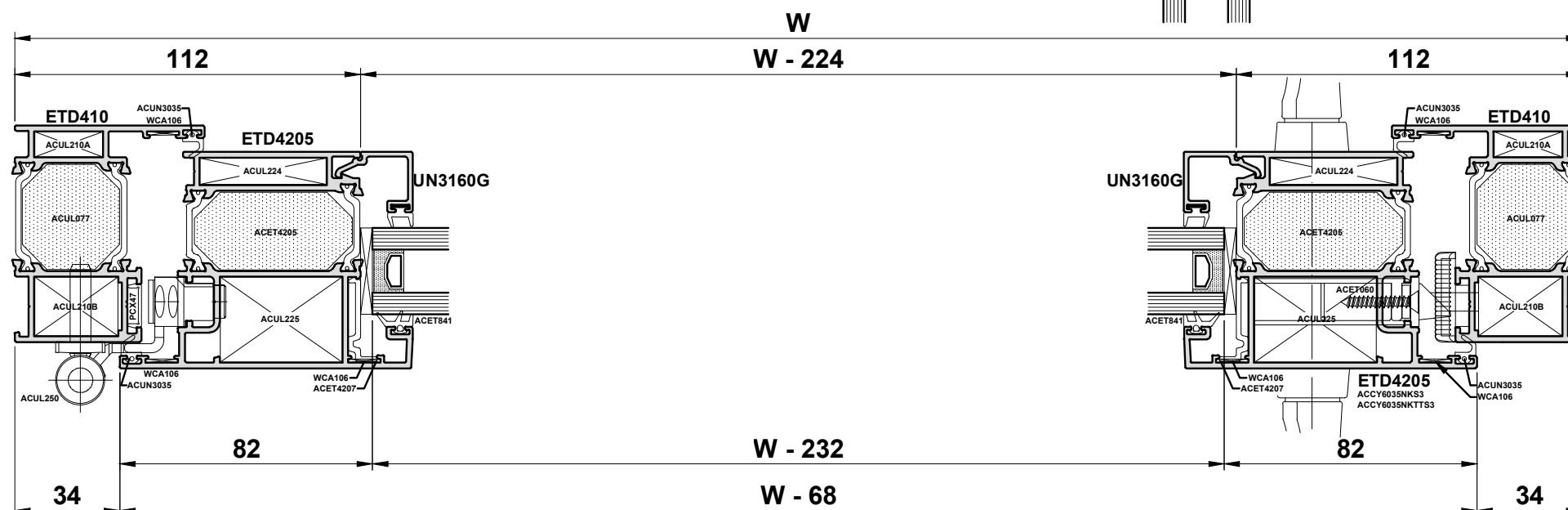
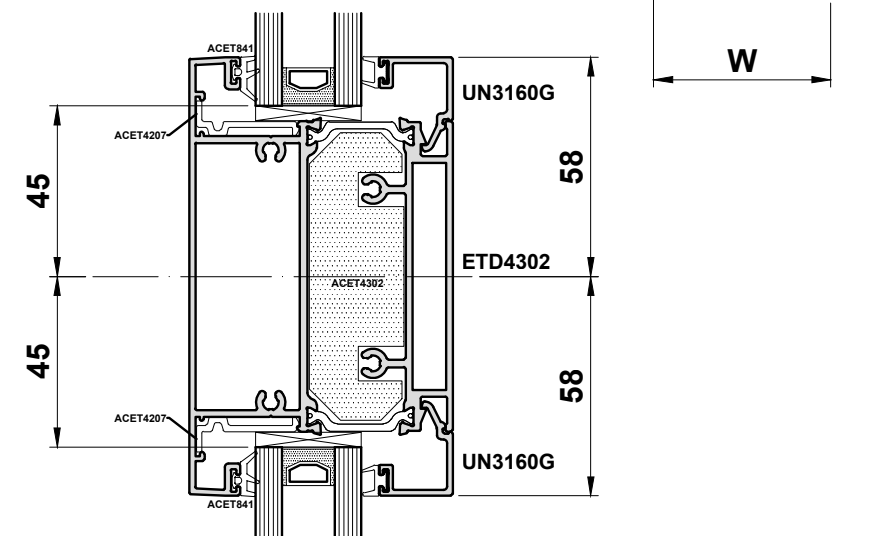
| Accessories |               |                       |
|-------------|---------------|-----------------------|
| ACCY3560S3  | 1             | Euro Cylinder         |
| **          | **            | Handles               |
| ACET060     | 16            | Screws for Lock       |
| ACET099     | W - 100 / 300 | Screw for UL297       |
| ACET131     | 2             | Drainage Cap          |
| ACET4192    | Pair          | ETD492 End Cap        |
| ACET4197    | Pair          | UL297 End Cap         |
| ACET4205    | 2 x W & 2 X H | Sash Foam             |
| ACET4207    | 10            | Bridge Packers        |
| ACET475     | 2             | Run Up Block          |
| ACET841     | 2 x W & 2 x H | E Gasket              |
| ACIM062     | 12            | Screw for ACUL250     |
| ACSH038N    | W             | Woolpile              |
| ACUL077     | W & 2 x H     | Outer Frame Foam      |
| ACUL210A    | 2             | Outer Frame Cleat     |
| ACUL210B    | 2             | Outer Frame Cleat     |
| ACUL224     | 4             | Sash Cleat            |
| ACUL225     | 4             | Sash Cleat            |
| ACUL250     | 3             | Hinge                 |
| ACUL295     | 2             | Low Threshold Bracket |
| ACUN3035    | 4 x W & 4 x H | Flipper Gasket        |
| ACUN3512    | 9             | Screw for ACUL250     |

|                      |           |              |
|----------------------|-----------|--------------|
| ACVL059 /<br>ACVL072 | 1 Pair    | VL72 End Cap |
| ACVL061              | W/300 + 2 | VL72 Rivet   |
| WCA106               | 12        | Chevrons     |
| *                    | 1         | Primary Lock |

\*See Page E72 for lock options.

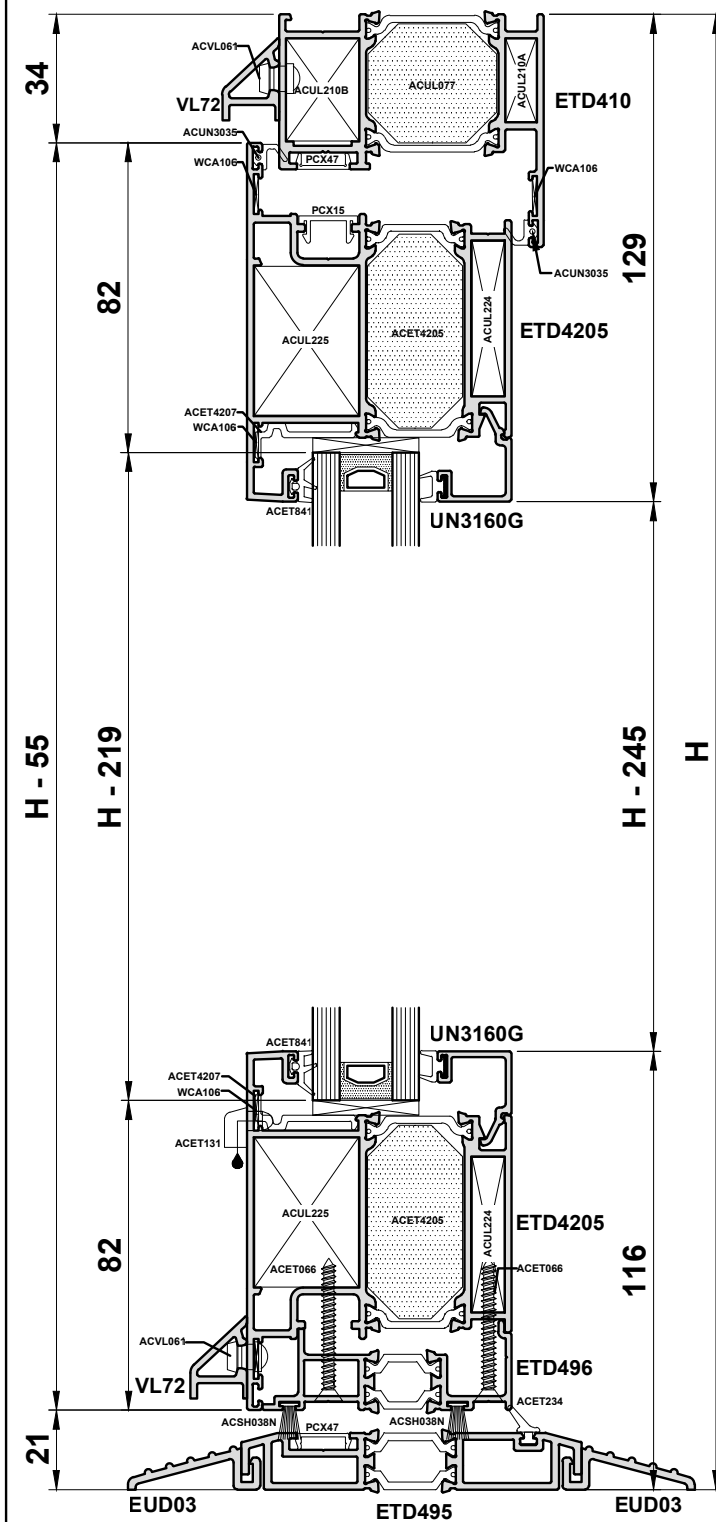
**\*\*See B & E for handle options.**

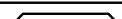
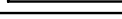
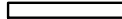
| Midrail Accessories |       |               |
|---------------------|-------|---------------|
| ACET4302            | W     | ETD4302 Foam  |
| ACUN3512            | 4     | Screws        |
| ACET841             | 2 x W | E Gasket      |
| ACET4207            | 4     | Bridge Packer |



## Do Not Scale From This Drawing

## Open Out Single Door Low Ramp Threshold Quick-Glaze Bead



| Profile Cutting Schedule |   |                                                                                     |                                                                                     |          |
|--------------------------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|
| UN3160G                  | 2 |  |  | H - 245  |
| UN3160G                  | 2 |  |  | W - 224  |
| ETD410                   | 1 |  |  | W        |
| ETD410                   | 2 |  |  | H - 15   |
| ETD4205                  | 2 |  |  | W - 68   |
| ETD4205                  | 2 |  |  | H - 55   |
| ETD495                   | 1 |  |  | W        |
| ETD496                   | 1 |  |  | W - 109  |
| EUD03                    | 2 |  |  | W        |
| PCX15                    | 2 |  |  | H - 68.5 |
| PCX15                    | 1 |  |  | W - 106  |
| PCX47                    | 2 |  |  | H - 56   |
| PCX47                    | 2 |  |  | W - 82   |
| VL72                     | 1 |  |  | W - 139  |

|        |         |   |                                                                                     |                                                                                     |          |
|--------|---------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------|
| MIDRAL | ETD4302 | 1 |  |  | W - 224  |
|        | UN3160G | 4 |  |  | W - 224  |
|        | UN3160G | 2 |  |  | H1 - 174 |
|        | UN3160G | 2 |  |  | H2 - 187 |

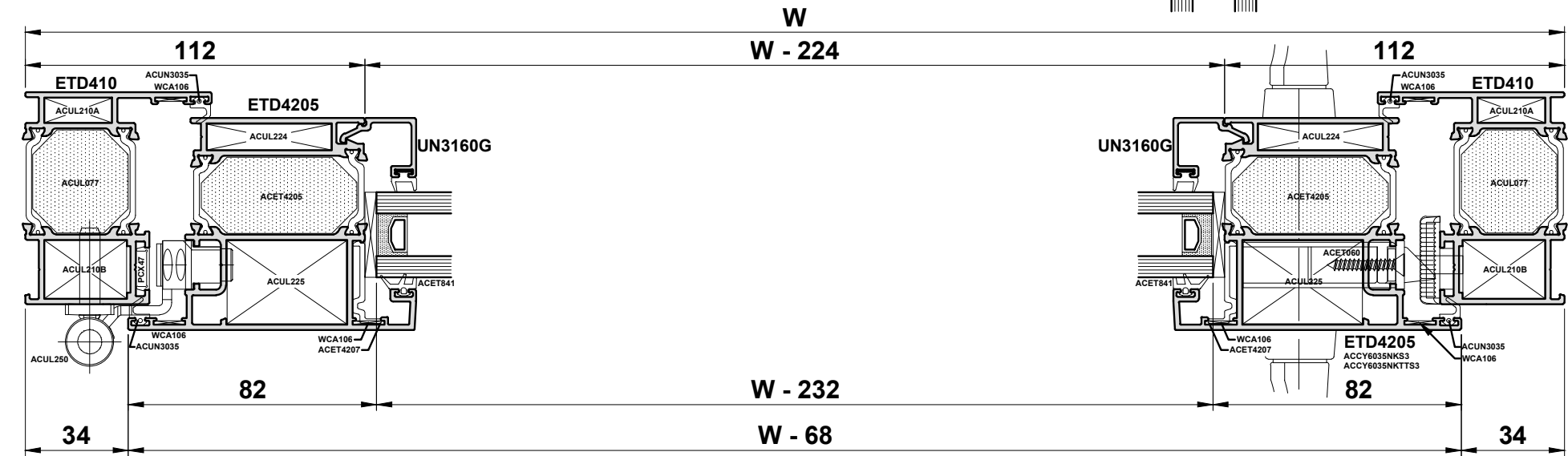
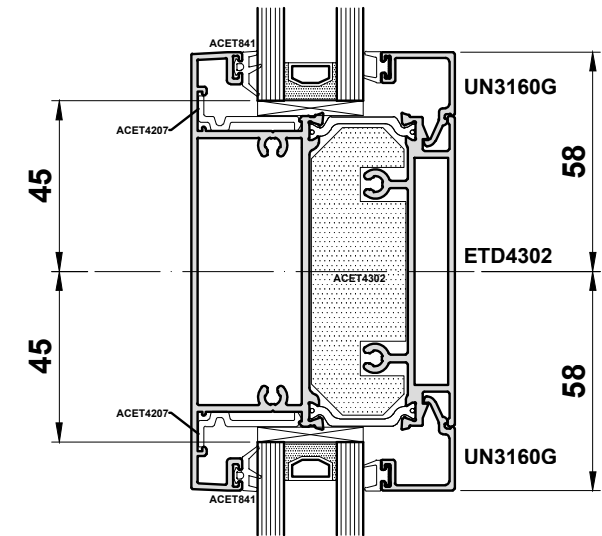
| Glass Sizes                      |          |         |
|----------------------------------|----------|---------|
| <u>Without</u> ETD4302           | H - 219  | W - 232 |
| Top Glass <u>With</u> ETD4302    | H2 - 161 | W - 232 |
| Bottom Glass <u>With</u> ETD4302 | H1 - 148 | W - 232 |

| Accessories |                   |                         |
|-------------|-------------------|-------------------------|
| ACCY3560S3  | 1                 | Euro Cylinder           |
| ACDV251     | Pair              | Handles                 |
| ACET060     | 16                | Screws for Lock         |
| ACET060     | 4                 | Screw for ACET4195      |
| ACET066     | 2 x W - 100 / 300 | Fixing Screw for ETD496 |
| ACET131     | 2                 | Drainage Cap            |
| ACET234     | 1 x W             | Flipper Gasket          |
| ACET4195    | Pair              | ETD495 End Cap          |
| ACET4196    | Pair              | ETD496 End Cap          |
| ACET4205    | 2 x W & 2 X H     | Sash Foam               |
| ACET4207    | 10                | Bridge Packers          |
| ACET475     | 2                 | Run Up Block            |
| ACET841     | 2 x W & 2 x H     | E Gasket                |
| ACIM062     | 12                | Screw for ACUL250       |
| ACUL077     | W & 2 x H         | Outer Frame Foam        |
| ACUL210A    | 2                 | Outer Frame Cleat       |
| ACUL210B    | 2                 | Outer Frame Cleat       |
| ACUL224     | 4                 | Sash Cleat              |
| ACUL225     | 4                 | Sash Cleat              |
| ACUL250     | 3                 | Hinge                   |
| ACUL295     | 2                 | Low Threshold Bracket   |
| ACSH038N    | 2 x W             | Woolpile                |

|                      |               |                   |
|----------------------|---------------|-------------------|
| ACUN3035             | 2 x W & 4 x H | Flipper Gasket    |
| ACUN3512             | 9             | Screw for ACUL250 |
| ACVL059 /<br>ACVL072 | 1 Pair        | VL72 End Cap      |
| ACVL061              | W/300 + 2     | VL72 Rivet        |
| WCA106               | 10            | Chevrons          |
| *                    | 1             | Primary Lock      |

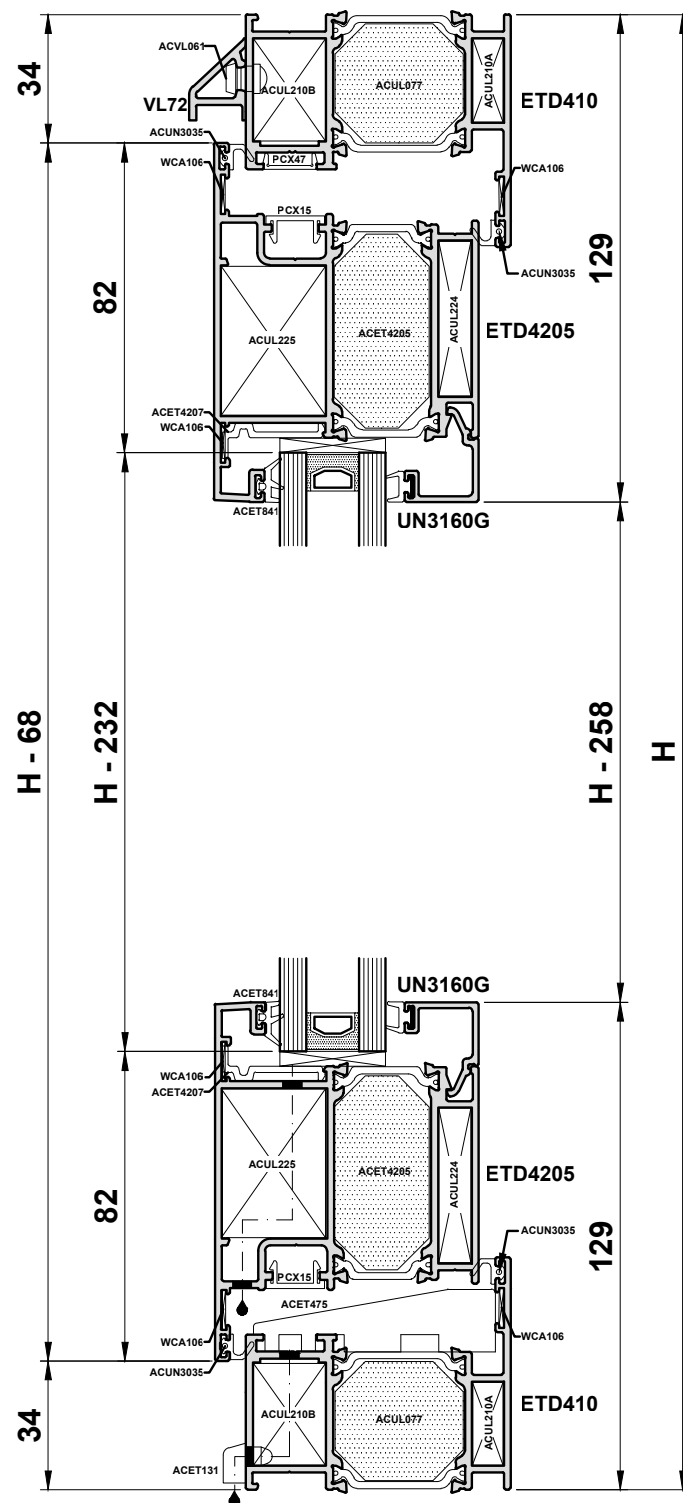
**\*See Page E72 for lock options.**  
**\*\*See B & E for handle options.**

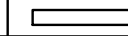
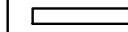
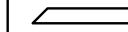
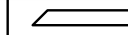
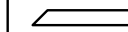
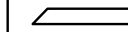
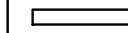
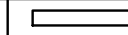
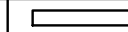
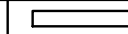
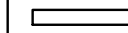
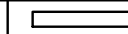
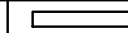
| Midrail Accessories |       |               |
|---------------------|-------|---------------|
| ACET4302            | W     | ETD4302 Foam  |
| ACUN3512            | 4     | Screws        |
| ACET841             | 2 x W | E Gasket      |
| ACET4207            | 4     | Bridge Packer |



## Do Not Scale From This Drawing

## Open Out Double Door Lift Lever Full Frame Quick-Glaze Bead



| Profile Cutting Schedule |   |                                                                                     |                                                                                     |               |
|--------------------------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
| UN3160G                  | 4 |  |  | H - 258       |
| UN3160G                  | 4 |  |  | W / 2 - 192.5 |
| ETD410                   | 2 |  |  | W             |
| ETD410                   | 2 |  |  | H             |
| ETD4205                  | 4 |  |  | W / 2 - 36.5  |
| ETD4205                  | 4 |  |  | H - 68        |
| ETD447                   | 1 |  |  | H - 110       |
| PCX15                    | 4 |  |  | H - 106       |
| PCX15                    | 4 |  |  | W / 2 - 106   |
| PCX47                    | 2 |  |  | H - 82        |
| PCX47                    | 1 |  |  | H - 81        |
| PCX47                    | 2 |  |  | W / 2 - 82    |
| VL72                     | 2 |  |  | W / 2 - 107.5 |

|         |         |   |                                                                                     |                                                                                     |               |
|---------|---------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
| MIDRAIL | ETD4302 | 2 |  |  | W / 2 - 192.5 |
|         | UN3160G | 8 |  |  | W / 2 - 192.5 |
|         | UN3160G | 4 |  |  | H2 - 187      |
|         | UN3160G | 4 |  |  | H1 - 187      |

| Glass Sizes                      |          |               |
|----------------------------------|----------|---------------|
| <u>Without</u> ETD4302           | H - 232  | W / 2 - 200.5 |
| Top Glass <u>With</u> ETD4302    | H2 - 161 | W / 2 - 200.5 |
| Bottom Glass <u>With</u> ETD4302 | H1 - 161 | W / 2 - 200.5 |

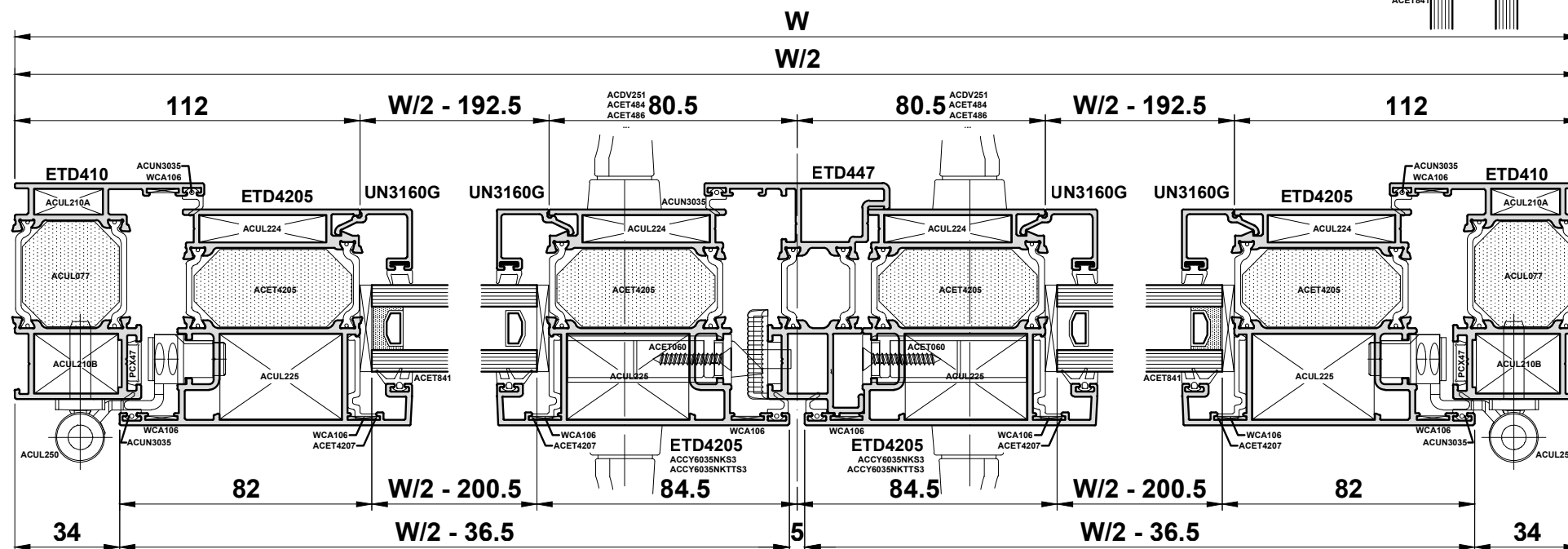
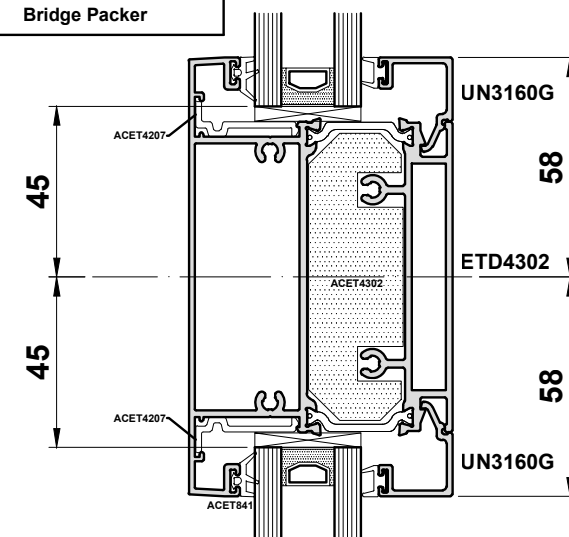
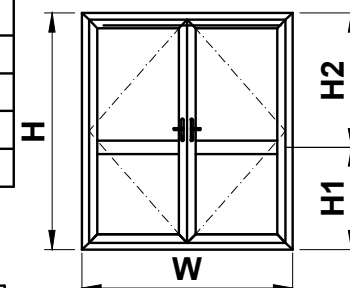
| Accessories |                   |                            |
|-------------|-------------------|----------------------------|
| ACCY3560S3  | 2                 | Euro Cylinder              |
| ACDV251     | 2 Pair            | Handles                    |
| ACDV737     | 2                 | Shootbolt                  |
| ACDV738     | 2                 | Shootbolt                  |
| ACET060     | 40                | Screw for Lock & Keep      |
| ACET060     | 8                 | Screw for ACDV737/738      |
| ACET131     | 4                 | Drainage Cap               |
| ACET4147    | Pair              | ETD447 End Cap             |
| ACET475     | 4                 | Run Up Block               |
| ACIM062     | 24                | Screw for ACUL250          |
| ACET4207    | 20                | Bridge Packers             |
| ACUL077     | 2 x W & 2 x H     | Outer Frame Foam           |
| ACET4205    | 4 x W / 2 & 4 x H | Sash Foam                  |
| ACET841     | 4 x W / 2 & 4 x H | E Gasket                   |
| ACUL210A    | 4                 | Outer Frame Cleat          |
| ACUL210B    | 4                 | Outer Frame Cleat          |
| ACUL224     | 8                 | Sash Cleat                 |
| ACUL225     | 8                 | Sash Cleat                 |
| ACUL250     | 6                 | Hinge                      |
| ACUL276     | 1                 | Double Door Secondary Lock |
| ACUL277/8   | 1                 | Double Door Primary Lock   |
| ACUL279     | 1                 | Double Door Keep Kit       |
| ACUN3035    | 4 x W & 7 x H     | Flipper Gasket             |

|                      |             |                   |
|----------------------|-------------|-------------------|
| ACUN3512             | 18          | Screw for ACUL250 |
| ACUN3513             | 2 + H / 300 | Screw for ETD447  |
| ACVL059 /<br>ACVL072 | 2 Pair      | VL72 End Cap      |
| ACVL061              | W/300 + 2   | VL72 Rivet        |
| WCA106               | 20          | Chevrons          |

\*See Page E72 for lock options.

**\*\*See B & E for handle options.**

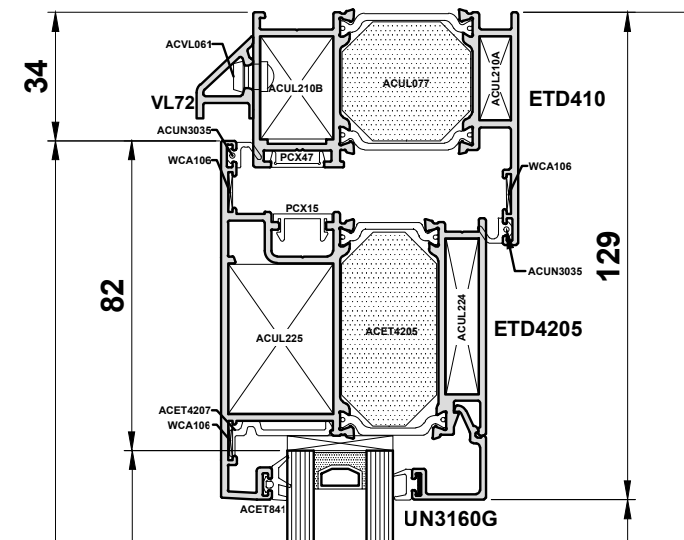
| Midrail Accessories |           |               |
|---------------------|-----------|---------------|
| ACET4302            | 2 x W / 2 | ETD4302 Foam  |
| ACUN3512            | 8         | Screws        |
| ACET841             | 4 x W     | E Gasket      |
| ACET4207            | 8         | Bridge Packer |

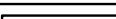
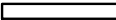
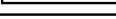


## Do Not Scale From This Drawing



# Open Out Double Door Lift Lever Low Rebate Threshold Quick-Glaze Bead



| Profile Cutting Schedule |   |                                                                                     |                                                                                     |               |
|--------------------------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
| UN3160G                  | 4 |  |  | H - 235.5     |
| UN3160G                  | 4 |  |  | W / 2 - 192.5 |
| ETD410                   | 1 |  |  | W             |
| ETD410                   | 2 |  |  | H - 15.5      |
| ETD4205                  | 4 |  |  | W / 2 - 36.5  |
| ETD4205                  | 4 |  |  | H - 68        |
| ETD447                   | 1 |  |  | H - 81        |
| ETD492                   | 1 |  |  | W             |
| UL297                    | 2 |  |  | W / 2 - 79.5  |
| PCX15                    | 4 |  |  | H - 106       |
| PCX15                    | 4 |  |  | W / 2 - 106   |
| PCX47                    | 2 |  |  | H - 82        |
| PCX47                    | 1 |  |  | H - 81        |
| PCX47                    | 2 |  |  | W / 2 - 82    |
| VL72                     | 2 |  |  | W / 2 - 107.5 |

|         |         |   |                                                                                     |                                                                                     |               |
|---------|---------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
| MIDRAIL | ETD4302 | 2 |  |  | W / 2 - 192.5 |
|         | UN3160G | 8 |  |  | W / 2 - 192.5 |
|         | UN3160G | 4 |  |  | H2 - 187      |
|         | UN3160G | 4 |  |  | H1 - 164.5    |

| Glass Sizes                      |            |               |
|----------------------------------|------------|---------------|
| <u>Without</u> ETD4302           | H - 209.5  | W / 2 - 200.5 |
| Top Glass <u>With</u> ETD4302    | H2 - 161   | W / 2 - 200.5 |
| Bottom Glass <u>With</u> ETD4302 | H1 - 138.5 | W / 2 - 200.5 |

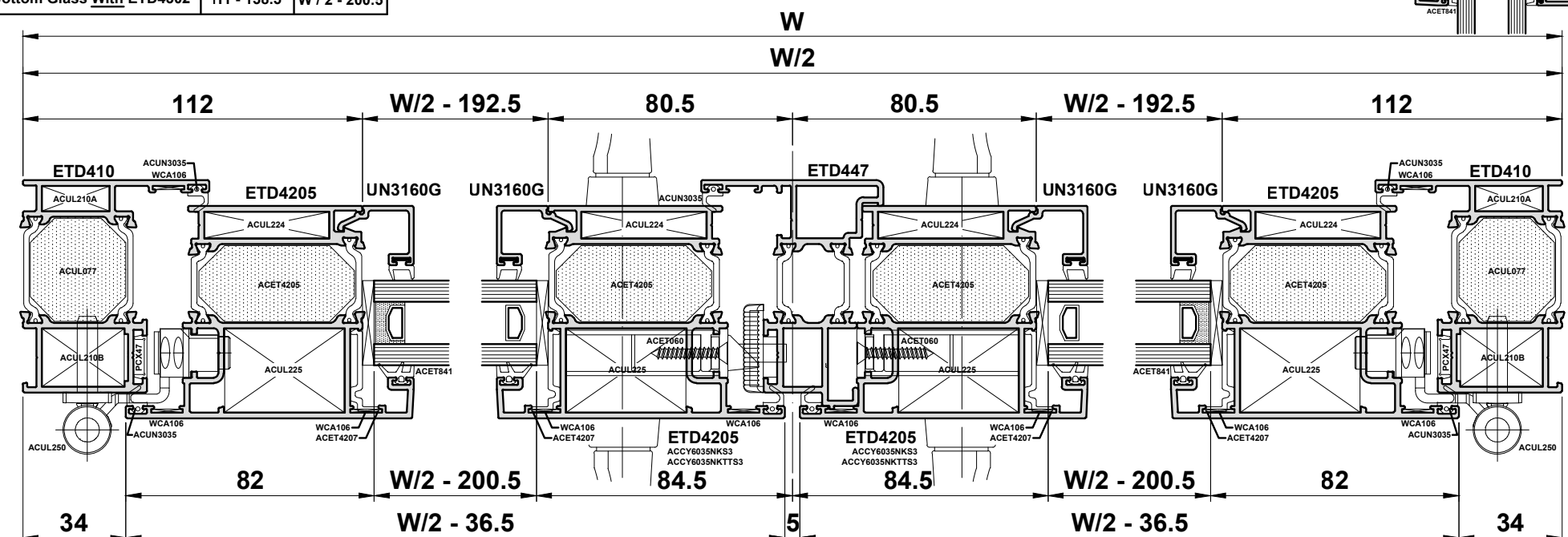
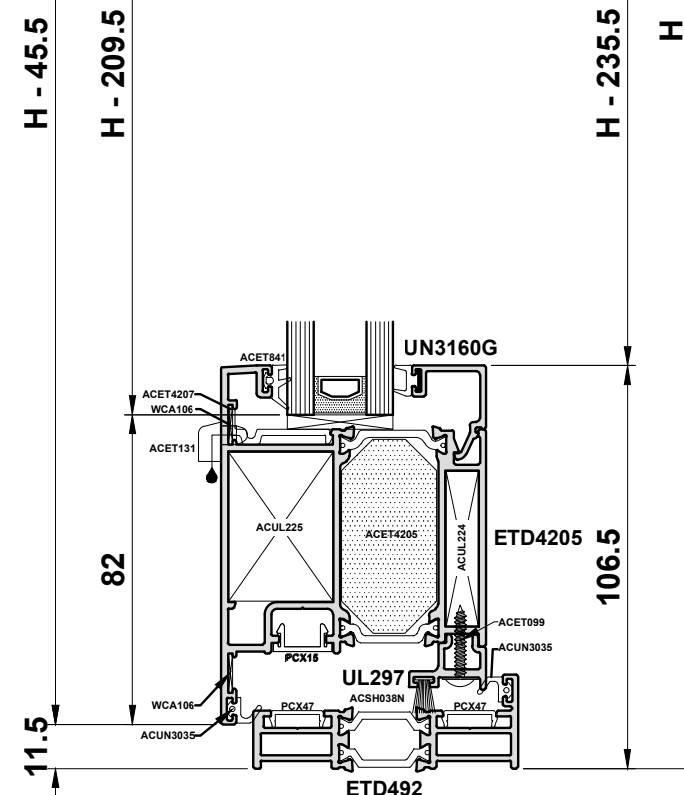
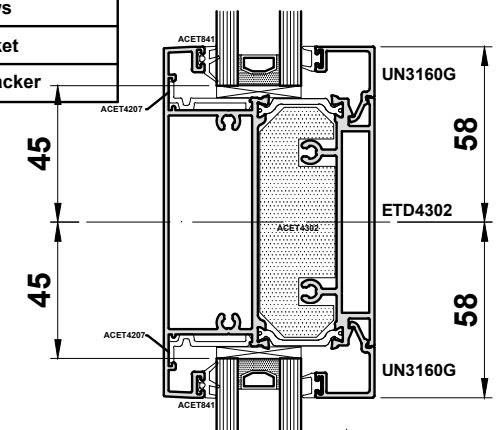
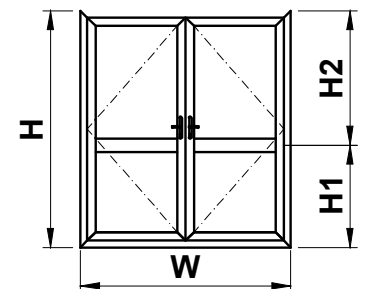
| Accessories |                   |                        |
|-------------|-------------------|------------------------|
| ACCY3560S3  | 2                 | Euro Cylinder          |
| ACDV251     | 2 Pairs           | Handles                |
| ACDV737     | 2                 | Bottom Shootbolt       |
| ACDV738     | 2                 | Top Shootbolt          |
| ACET060     | 40                | Screw for Lock & Keep  |
| ACET060     | 8                 | Screw for ACDV737/738  |
| ACET099     | W / 2 - 100 / 300 | Fixing Screw for UL297 |
| ACET4146    | Pair              | ETD447 End Cap at Cill |
| ACET4147    | Pair              | ETD447 End Cap at Head |
| ACET4192    | Pair              | ETD492 End Cap         |
| ACET4197    | 2 Pairs           | UL297 End Cap          |
| ACET4205    | 4 x W / 2 & 4 x H | Sash Foam              |
| ACET4207    | 20                | Bridge Packers         |
| ACET475     | 4                 | Run Up Block           |
| ACET841     | 4 x W / 2 & 4 x H | E Gasket               |
| ACIM062     | 24                | Screw for ACUL250      |
| ACSH038N    | 1 x W             | Woolpile               |
| ACUL077     | W & 2 x H         | Outer Frame Foam       |
| ACUL210A    | 2                 | Outer Frame Cleat      |
| ACUL210B    | 2                 | Outer Frame Cleat      |
| ACUL224     | 8                 | Sash Cleat             |
| ACUL225     | 8                 | Sash Cleat             |
| ACUL250     | 6                 | Hinge                  |

|                      |             |                            |
|----------------------|-------------|----------------------------|
| ACUL276              | 1           | Double Door Secondary Lock |
| ACUL277/8            | 1           | Double Door Primary Lock   |
| ACUL279              | 1           | Double Door Keep Kit       |
| ACUL295              | 2           | Low Threshold Bracket      |
| ACUN3035             | 4 W & 7 x H | Flipper Gasket             |
| ACUN3512             | 18          | Screw for ACUL250          |
| ACUN3513             | 2 + H / 300 | Screw for ETD447           |
| ACVL059 /<br>ACVL072 | 2 Pair      | VL72 End Cap               |
| ACVL061              | W/300 + 2   | VL72 Rivet                 |
| WCA106               | 18          | Chevrons                   |

\*See Page E72 for lock options.

**\*\*See B & E for handle options.**

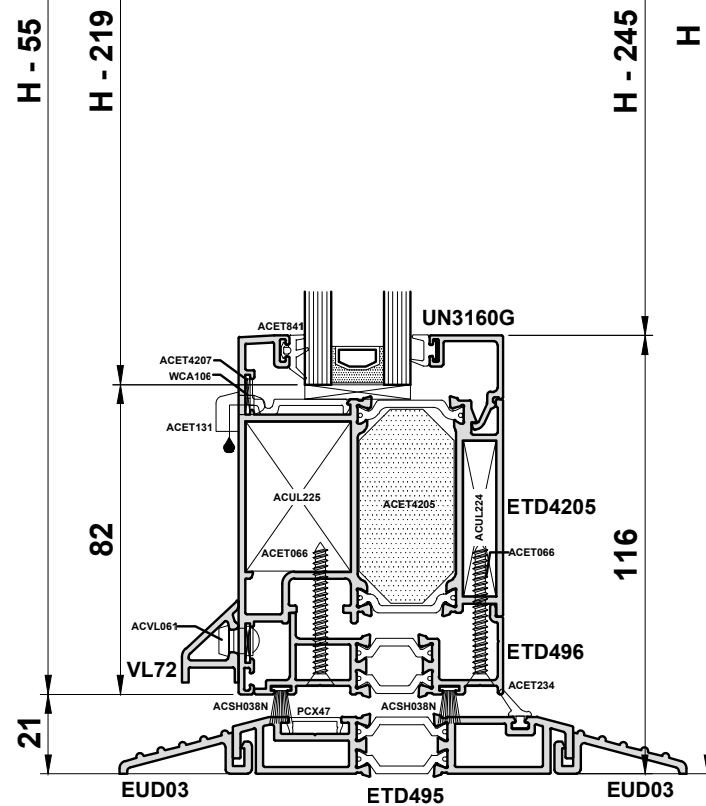
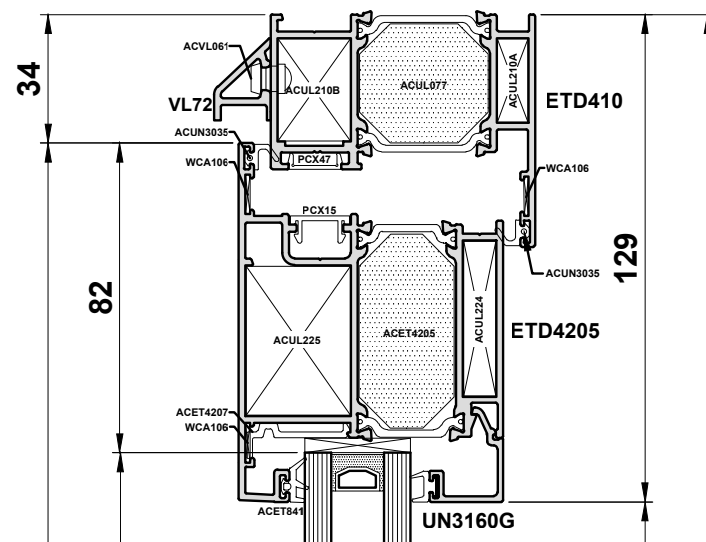
| Midrail Accessories |           |               |
|---------------------|-----------|---------------|
| ACET4302            | 2 x W / 2 | ETD4302 Foam  |
| ACUN3512            | 8         | Screws        |
| ACET841             | 4 x W     | E Gasket      |
| ACET4207            | 8         | Bridge Packer |

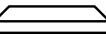
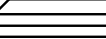
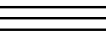
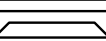
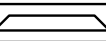
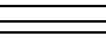
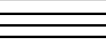
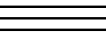
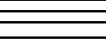
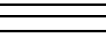
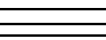
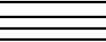
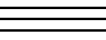
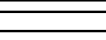
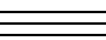
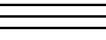


**Do Not Scale From This Drawing**

## Alitherm 400 Stepped Door

# Open Out Double Door Lift Lever Low Ramp Threshold Quick-Glaze Bead



| Profile Cutting Schedule |   |                                                                                       |                                                                                       |               |
|--------------------------|---|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|
| ETD410                   | 1 |    |    | W             |
| ETD410                   | 2 |    |    | H - 15        |
| ETD495                   | 1 |    |    | W             |
| EUD03                    | 2 |    |    | W             |
| ETD4205                  | 4 |    |    | W / 2 - 36.5  |
| ETD4205                  | 4 |    |    | H - 55        |
| ETD496                   | 2 |    |    | W / 2 - 84.5  |
| ETD447                   | 1 |    |    | H - 81        |
| UN3160G                  | 4 |    |    | H - 245       |
| UN3160G                  | 4 |    |    | W / 2 - 192.5 |
| PCX15                    | 4 |    |    | H - 53.5      |
| PCX15                    | 4 |    |    | W / 2 - 106   |
| PCX47                    | 2 |    |    | H - 55        |
| PCX47                    | 1 |    |    | H - 81        |
| PCX47                    | 2 |    |    | W / 2 - 82    |
| VL72                     | 2 |  |  | W / 2 - 107   |

|         |         |   |                                                                                     |                                                                                     |               |
|---------|---------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
| MIDRAIL | ETD4302 | 2 |  |  | W / 2 - 192.5 |
|         | UN3160G | 8 |  |  | W / 2 - 192.5 |
|         | UN3160G | 4 |  |  | H1 - 175      |
|         | UN3160G | 4 |  |  | H2 - 188      |

| Glass Sizes                      |          |               |
|----------------------------------|----------|---------------|
| <u>Without</u> ETD4302           | H - 219  | W / 2 - 200.5 |
| Top Glass <u>With</u> ETD4302    | H2 - 161 | W / 2 - 200.5 |
| Bottom Glass <u>With</u> ETD4302 | H1 - 148 | W / 2 - 200.5 |

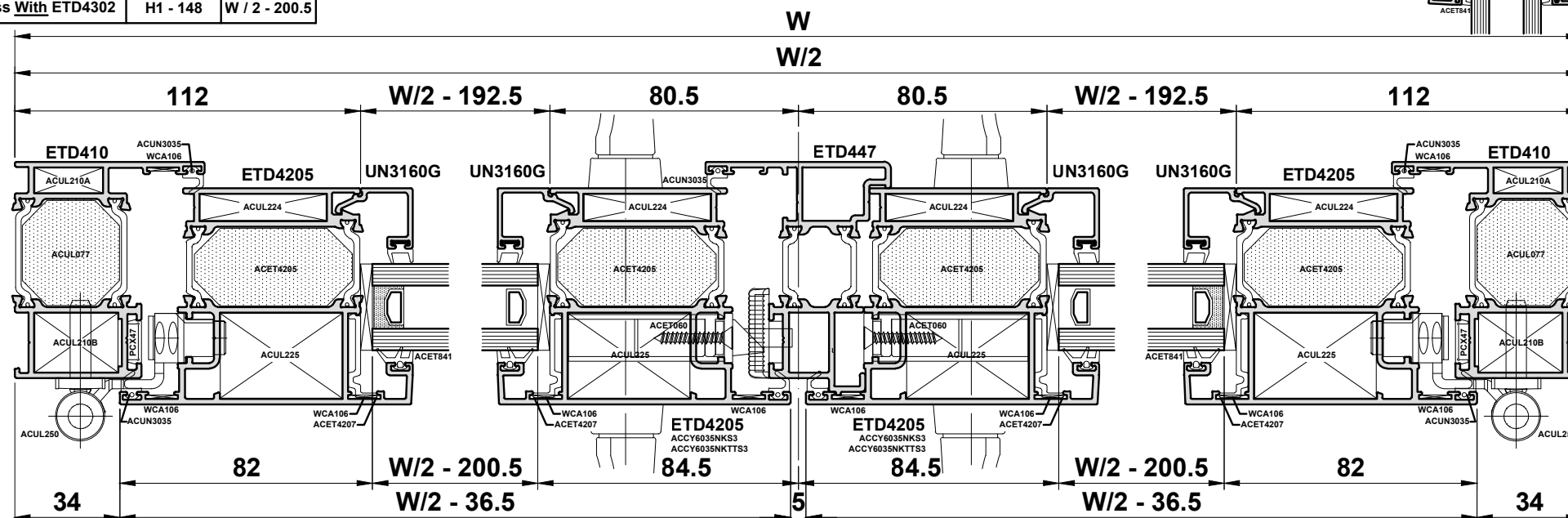
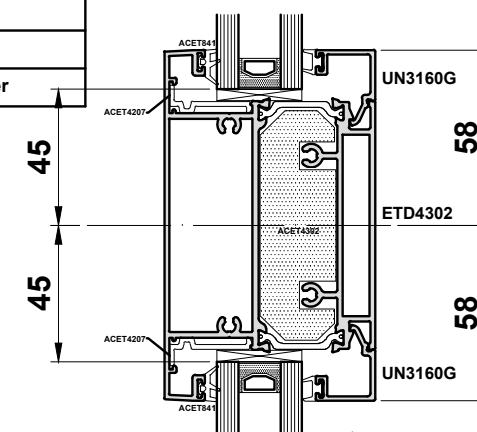
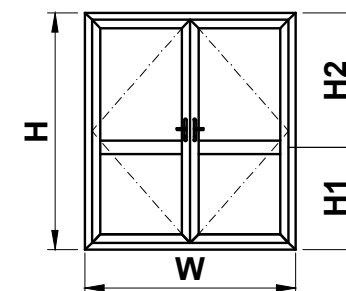
| Accessories |                   |                           |
|-------------|-------------------|---------------------------|
| ACCY3560S3  | 2                 | Euro Cylinder             |
| ACDV251     | 2 Pairs           | Handles                   |
| ACDV737     | 2                 | Shootbolt                 |
| ACDV738     | 2                 | Shootbolt                 |
| ACET060     | 4                 | Fixing Screw for ACET4195 |
| ACET060     | 40                | Screw for Lock & Keep     |
| ACET060     | 8                 | Screw for ACDV737/738     |
| ACET066     | 2 x W - 100 / 300 | Fixing Screw for ETD496   |
| ACET234     | 1 x W             | Flipper Gasket            |
| ACET4142    | Kit               | ETD447/ETD496 End Cap     |
| ACET4147    | Kit               | End Cap at Head           |
| ACET4195    | Pair              | ETD495 End Cap            |
| ACET4196    | Pair              | ETD496 End Cap            |
| ACET4205    | 4 x W / 2 & 4 x H | Sash Foam                 |
| ACET4207    | 20                | Bridge Packers            |
| ACET475     | 4                 | Run Up Block              |
| ACET841     | 4 x W / 2 & 4 x H | E Gasket                  |
| ACIM062     | 24                | Screw for ACUL250         |
| ACSH038N    | 2 x W             | Woolpile                  |
| ACUL077     | W & 2 x H         | Outer Frame Foam          |
| ACUL210A    | 2                 | Outer Frame Cleat         |
| ACUL210B    | 2                 | Outer Frame Cleat         |
| ACUL224     | 8                 | Sash Cleat                |
| ACUL225     | 8                 | Sash Cleat                |

|                      |               |                            |
|----------------------|---------------|----------------------------|
| ACUL250              | 6             | Hinge                      |
| ACUL276              | 1             | Double Door Secondary Lock |
| ACUL277/8            | 1             | Double Door Primary Lock   |
| ACUL279              | 1             | Double Door Keep Kit       |
| ACUL295              | 2             | Low Threshold Bracket      |
| ACUN3035             | 4 x W & 7 x H | Flipper Gasket             |
| ACUN3512             | 18            | Screw for ACUL250          |
| ACUN3513             | 2 + H / 300   | Screw for ETD447           |
| ACVL059 /<br>ACVL072 | 2 Pair        | VL72 End Cap               |
| ACVL061              | W/300 + 2     | VL72 Rivet                 |
| WCA106               | 18            | Chevrons                   |

\*See Page E72 for lock options.

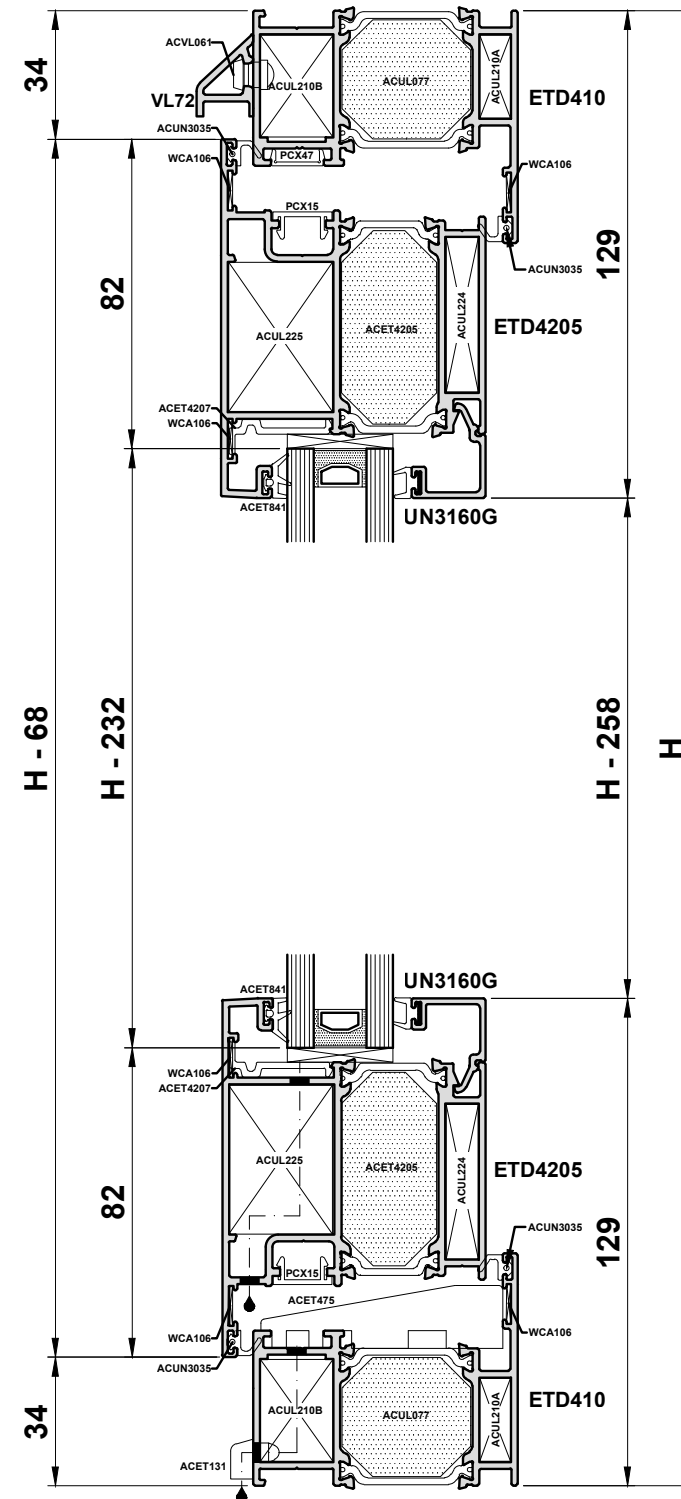
**\*\*See B & E for handle options.**

| Midrail Accessories |           |               |
|---------------------|-----------|---------------|
| ACET4302            | 2 x W / 2 | ETD4302 Foam  |
| ACUN3512            | 8         | Screws        |
| ACET841             | 4 x W     | E Gasket      |
| ACET4207            | 8         | Bridge Packer |



## Do Not Scale From This Drawing

## Open Out Double Door Finger Bolt Full Frame Quick-Glaze Bead



| Profile Cutting Schedule |   |  |  |               |
|--------------------------|---|--|--|---------------|
| UN3160G                  | 4 |  |  | H - 258       |
| UN3160G                  | 4 |  |  | W / 2 - 196   |
| ETD410                   | 2 |  |  | W             |
| ETD410                   | 2 |  |  | H             |
| ETD4205                  | 4 |  |  | W / 2 - 40    |
| ETD4205                  | 4 |  |  | H - 68        |
| ETD448                   | 1 |  |  | H - 110       |
| PCX15                    | 4 |  |  | H - 106       |
| PCX15                    | 4 |  |  | W / 2 - 106   |
| PCX47                    | 2 |  |  | H - 82        |
| PCX47                    | 1 |  |  | H - 81        |
| PCX47                    | 2 |  |  | W / 2 - 82    |
| VL72                     | 2 |  |  | W / 2 - 107.5 |

| MIDRAIL | ETD4302 | 2 |  | W / 2 - 196 |
|---------|---------|---|--|-------------|
|         | UN3160G | 8 |  | W / 2 - 196 |
|         | UN3160G | 4 |  | H1 - 187    |
|         | UN3160G | 4 |  | H2 - 187    |

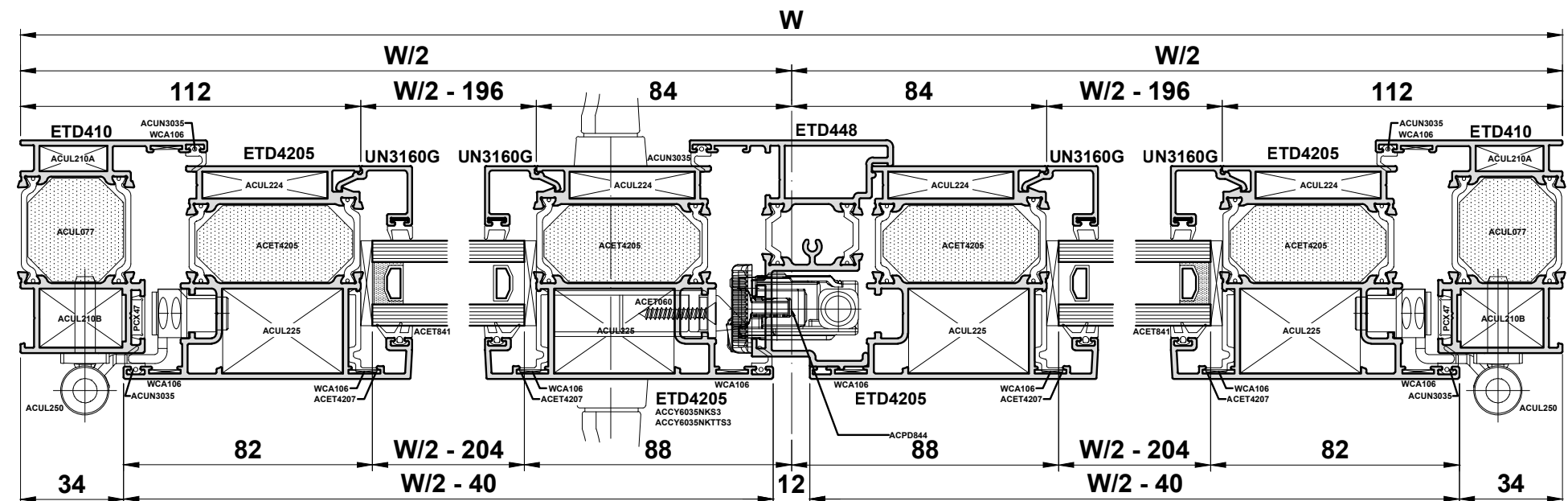
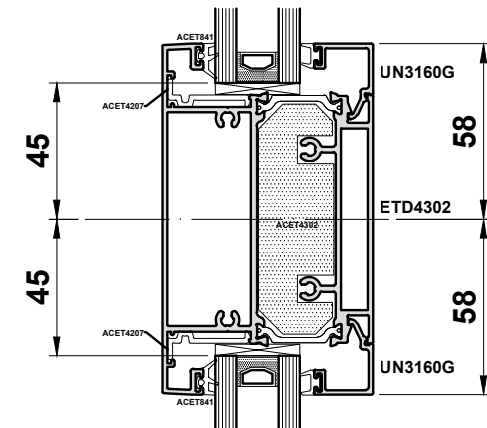
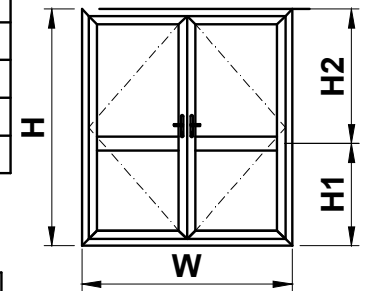
| Glass Sizes               |          |             |
|---------------------------|----------|-------------|
| Without ETD4302           | H - 232  | W / 2 - 204 |
| Top Glass With ETD4302    | H2 - 161 | W / 2 - 204 |
| Bottom Glass With ETD4302 | H1 - 161 | W / 2 - 204 |

| Accessories |               |                         |
|-------------|---------------|-------------------------|
| ACCY3560S3  | 1             | Euro Cylinder           |
| **          | **            | Handles                 |
| ACET060     | 16            | Screw for Lock          |
| ACET131     | X             | Drainage Cap            |
| ACET4148    | Pair          | ETD448 End Cap          |
| ACET4205    | 2 x W & 4 x H | Sash Foam               |
| ACET4207    | 20            | Bridge Packers          |
| ACET475     | 4             | Run Up Block            |
| ACIM062     | 24            | Screw for ACUL250       |
| ACPD844     | 1             | Shootbolt Adaptor       |
| ACPD84..    | 1             | 10mm Dia Galvanised Rod |
| ACSM015     | Pair          | Escutcheon              |
| ACUL077     | 2 x W & 2 x H | Outer Frame Foam        |
| ACUL210A    | 4             | Outer Frame Cleat       |
| ACUL210B    | 4             | Outer Frame Cleat       |
| ACUL224     | 8             | Sash Cleat              |
| ACUL225     | 8             | Sash Cleat              |
| ACUL242     | 2             | Finger Bolt Guide       |
| ACUL250     | 6             | Hinge                   |
| ACUL390     | Pair          | Finger Bolt Flat Keep   |
| ACUN3035    | 4 x W & 6 x H | Flipper Gasket          |
| ACUN3512    | 18            | Screw for ACUL250       |
| ACUN3513    | 2 + H / 300   | Screw for ETD448        |

|         |               |                          |
|---------|---------------|--------------------------|
| ACET841 | 2 x W & 4 x H | E Gasket                 |
| ACVL072 | 2 Pair        | VL72 End Cap             |
| ACVL061 | W/300 + 2     | VL72 Rivet               |
| WCA106  | 20            | Chevrans                 |
| *       | 1             | Double Door Primary Lock |

\*See Page E72 for lock options.  
\*\*See B & E for handle options.

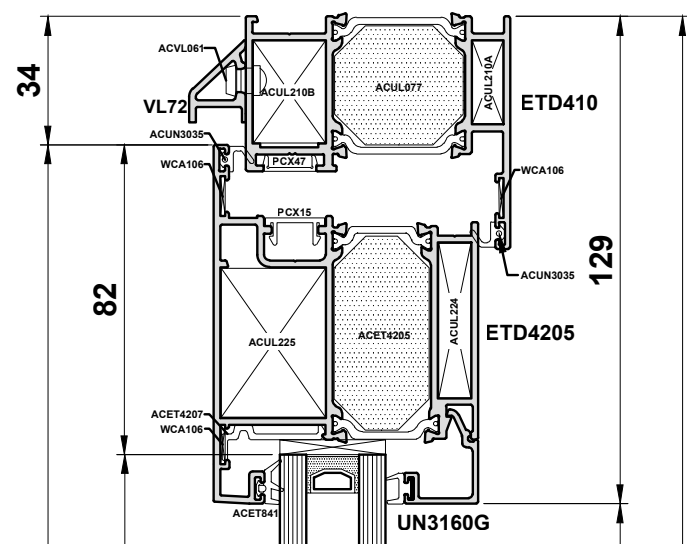
| Midrail Accessories |           |               |
|---------------------|-----------|---------------|
| ACET4302            | 2 x W / 2 | ETD4302 Foam  |
| ACUN3512            | 8         | Screws        |
| ACET841             | 4 x W     | E Gasket      |
| ACET4207            | 8         | Bridge Packer |

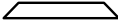
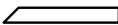
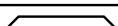
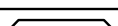
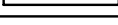
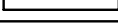
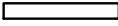
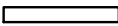
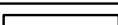
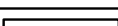
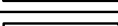


Do Not Scale From This Drawing



## Open Out Double Door Finger Bolt Low Rebate Threshold Quick-Glaze Bead



| Profile Cutting Schedule |   |                                                                                     |                                                                                     |               |
|--------------------------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
| ETD410                   | 1 |  |  | W             |
| ETD410                   | 2 |  |  | H - 15.5      |
| ETD492                   | 1 |  |  | W             |
| ETD4205                  | 4 |  |  | W / 2 - 40    |
| ETD4205                  | 4 |  |  | H - 45.5      |
| ETD448                   | 1 |  |  | H - 81        |
| UL297                    | 2 |  |  | W / 2 - 83    |
| UN3160G                  | 4 |  |  | H - 235.5     |
| UN3160G                  | 4 |  |  | W / 2 - 196   |
| PCX15                    | 2 |  |  | H - 106       |
| PCX15                    | 4 |  |  | W / 2 - 106   |
| PCX47                    | 2 |  |  | H - 82        |
| PCX47                    | 1 |  |  | H - 81        |
| PCX47                    | 2 |  |  | W / 2 - 82    |
| VL72                     | 2 |  |  | W / 2 - 110.5 |

|         |         |   |                                                                                     |                                                                                     |             |
|---------|---------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|
| MIDRAIL | ETD4302 | 2 |  |  | W / 2 - 196 |
|         | UN3160G | 8 |  |  | W / 2 - 196 |
|         | UN3160G | 4 |  |  | H1 - 164.5  |
|         | UN3160G | 4 |  |  | H2 - 187    |

| Glass Sizes                  |            |             |
|------------------------------|------------|-------------|
| <u>Without</u> ETD430        | H - 209.5  | W / 2 - 204 |
| Top Glass <u>With</u> ETD430 | H2 - 161   | W / 2 - 204 |
| Bottom Glass With ETD430     | H1 - 138.5 | W / 2 - 204 |

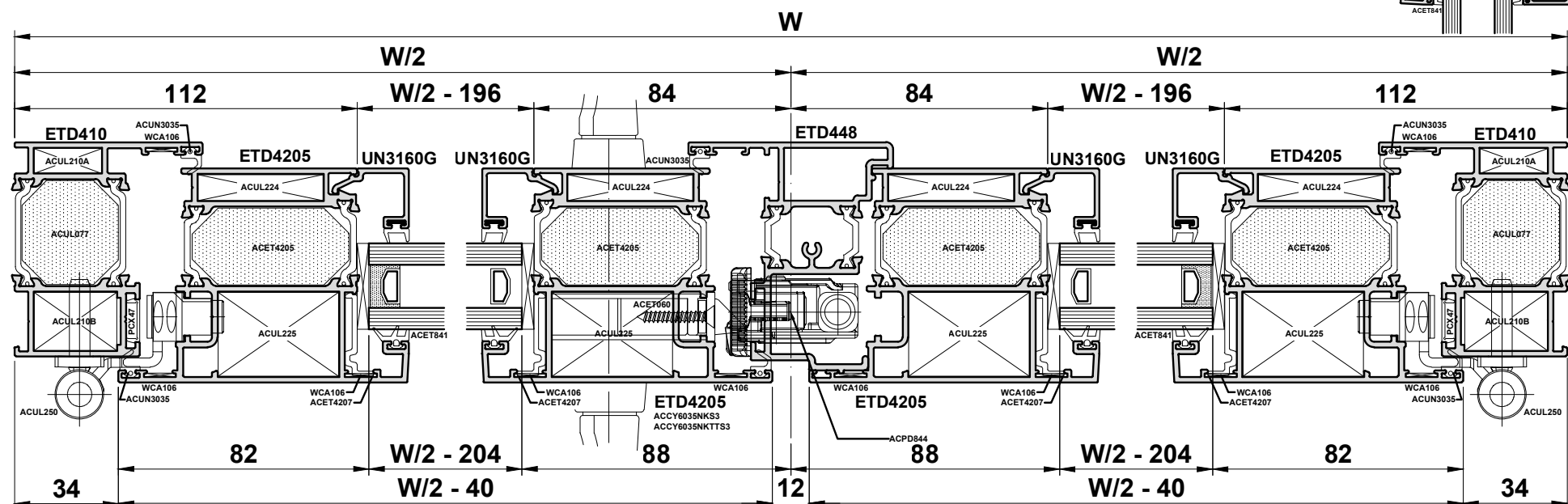
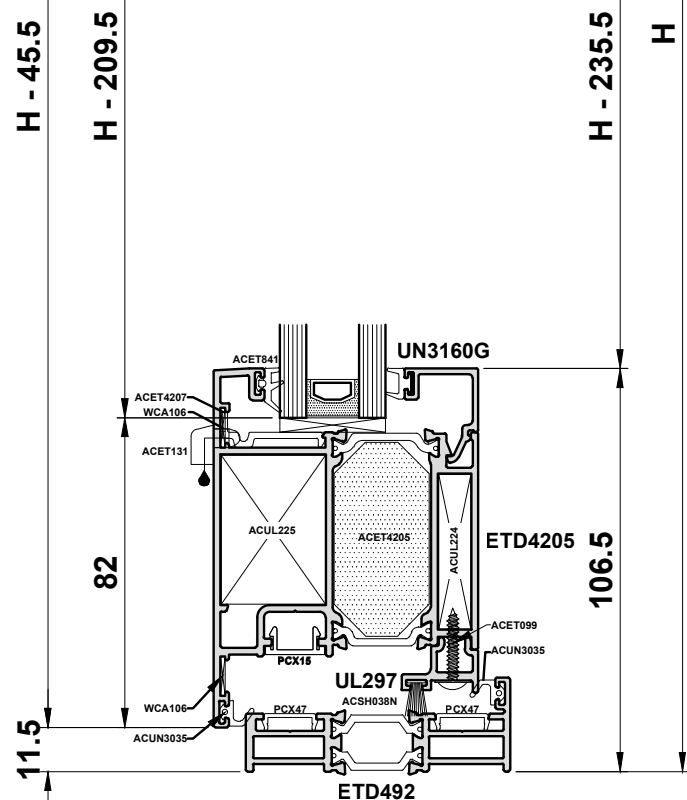
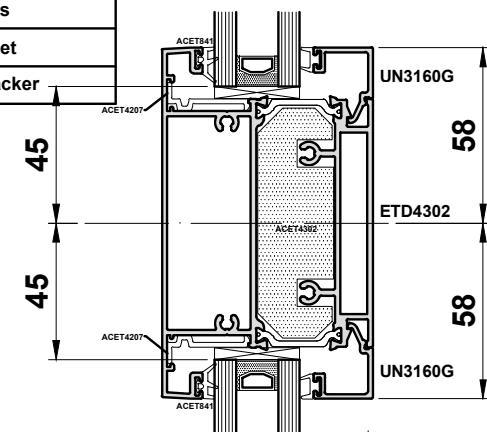
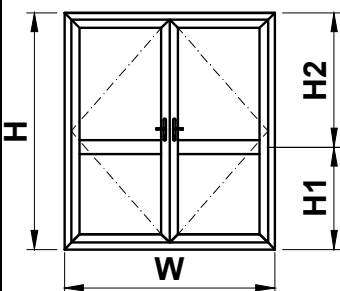
| Accessories |                   |                         |
|-------------|-------------------|-------------------------|
| ACCY3560S3  | 1                 | Euro Cylinder           |
| **          | **                | Handles                 |
| ACET060     | 4                 | Screw for ACET4190      |
| ACET060     | 16                | Screw for Lock          |
| ACET099     | W / 2 - 100 / 300 | Fixing Screw for UL297  |
| ACET4145    | Pair              | ETD448 End Cap          |
| ACET4148    | Pair              | ETD448 End Cap at Head  |
| ACET4190    | Pair              | ETD490 End Cap          |
| ACET4192    | Pair              | ETD492 End Cap          |
| ACET4197    | 2 Pairs           | UL297 End Cap           |
| ACET4205    | 4 x W / 2 & 4 x H | Sash Foam               |
| ACET4207    | 20                | Bridge Packers          |
| ACET475     | 4                 | Run Up Block            |
| ACET841     | 4 x W / 2 & 4 x H | E Gasket                |
| ACIM062     | 24                | Screw for ACUL250       |
| ACPD844     | 1                 | Shootbolt Adaptor       |
| ACPD84..    | 1                 | 10mm Dia Glavanised Rod |
| ACSH038N    | 1 x W             | Woolpile                |
| ACSM015     | Pair              | Escutcheon              |
| ACUL077     | W & 2 x H         | Outer Frame Foam        |
| ACUL210A    | 2                 | Outer Frame Cleat       |
| ACUL210B    | 2                 | Outer Frame Cleat       |
| ACUL224     | 8                 | Sash Cleat              |
| ACUL225     | 8                 | Sash Cleat              |

|          |               |                          |
|----------|---------------|--------------------------|
| ACUL242  | 1             | Finger Bolt Guide        |
| ACUL250  | 6             | Hinge                    |
| ACUL295  | 2             | Low Threshold Bracket    |
| ACUL390  | Pair          | Finger Bolt Flat Keep    |
| ACUN3035 | 4 x W & 6 x H | Flipper Gasket           |
| ACUN3512 | 18            | Screw for ACUL250        |
| ACUN3513 | 2 + H / 300   | Screw for ETD448         |
| ACVL072  | 2 Pair        | VL72 End Cap             |
| ACVL061  | W/300 + 2     | VL72 Rivet               |
| WCA106   | 18            | Chevrans                 |
| *        | 1             | Double Door Primary Lock |

\*See Page E72 for lock options.

**\*\*See B & E for handle options.**

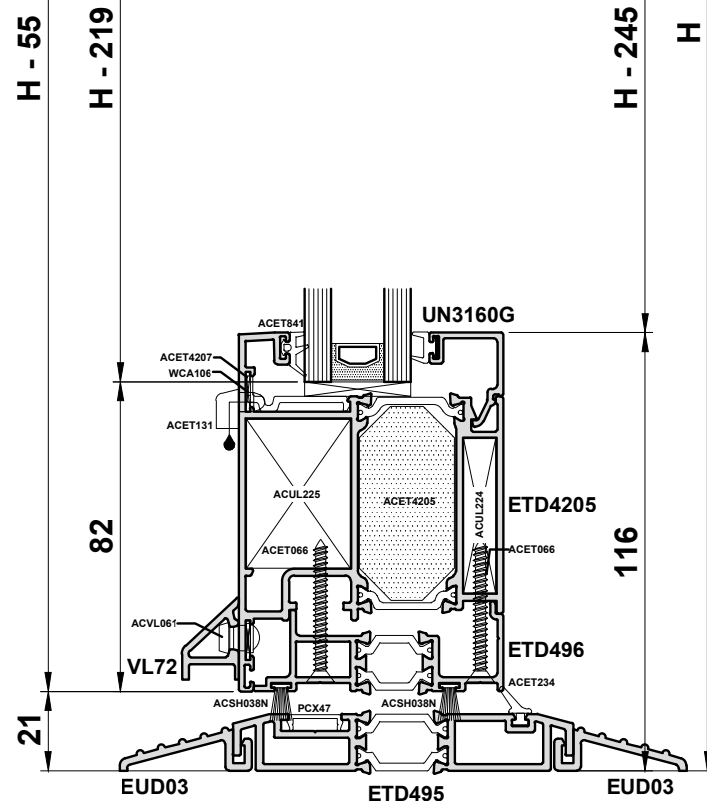
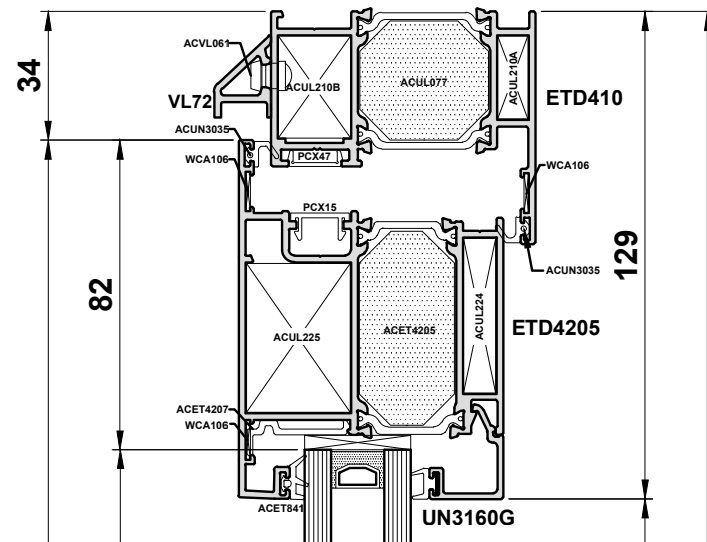
| Midrail Accessories |           |               |
|---------------------|-----------|---------------|
| ACET4302            | 2 x W / 2 | ETD4302 Foam  |
| ACUN3512            | 8         | Screws        |
| ACET841             | 4 x W     | E Gasket      |
| ACET4207            | 8         | Bridge Packer |



## Do Not Scale From This Drawing



Open Out Double Door Finger Bolt Low Ramp Threshold Quick-Glaze Bead



| Profile Cutting Schedule |   |  |  |               |
|--------------------------|---|--|--|---------------|
| UN3160G                  | 4 |  |  | H - 245       |
| UN3160G                  | 4 |  |  | W / 2 - 196   |
| ETD410                   | 1 |  |  | W             |
| ETD410                   | 2 |  |  | H - 15        |
| ETD4205                  | 4 |  |  | W / 2 - 40    |
| ETD4205                  | 4 |  |  | H - 55        |
| ETD448                   | 1 |  |  | H - 81        |
| ETD495                   | 1 |  |  | W             |
| ETD496                   | 2 |  |  | W / 2 - 88    |
| EUD03                    | 2 |  |  | W             |
| PCX15                    | 2 |  |  | H - 53.5      |
| PCX15                    | 4 |  |  | W / 2 - 106   |
| PCX47                    | 2 |  |  | H - 55        |
| PCX47                    | 1 |  |  | H - 81        |
| PCX47                    | 2 |  |  | W / 2 - 82    |
| VL72                     | 2 |  |  | W / 2 - 110.5 |

| MIDRAIL | ETD4302 | 2 |  | W / 2 - 196 |
|---------|---------|---|--|-------------|
|         | UN3160G | 8 |  | W / 2 - 196 |
|         | UN3160G | 4 |  | H1 - 174    |
|         | UN3160G | 4 |  | H2 - 187    |
|         |         |   |  |             |

| Glass Sizes               |          |             |  |
|---------------------------|----------|-------------|--|
| Without ETD4302           | H - 219  | W / 2 - 204 |  |
| Top Glass With ETD4302    | H2 - 161 | W / 2 - 204 |  |
| Bottom Glass With ETD4302 | H1 - 148 | W / 2 - 204 |  |

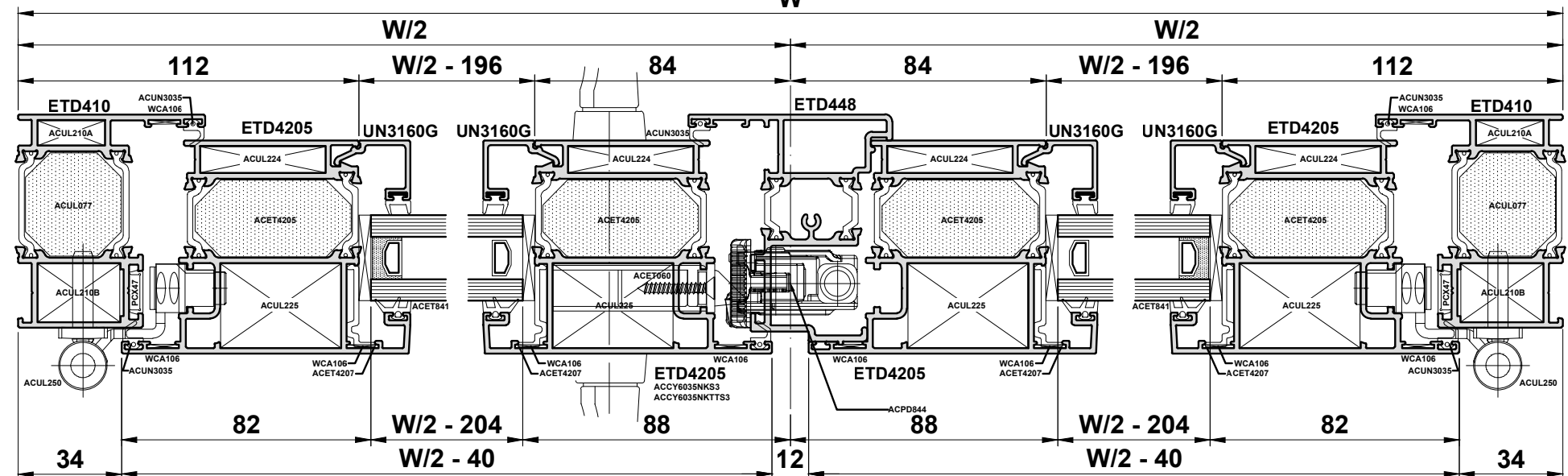
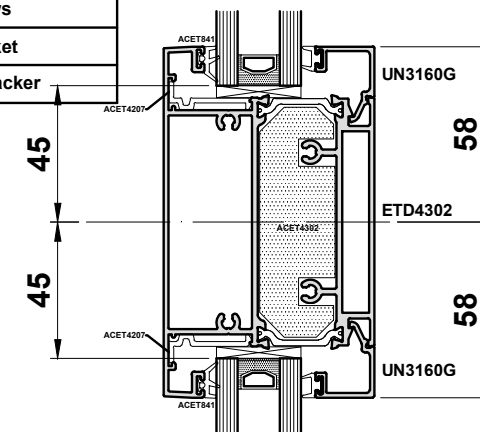
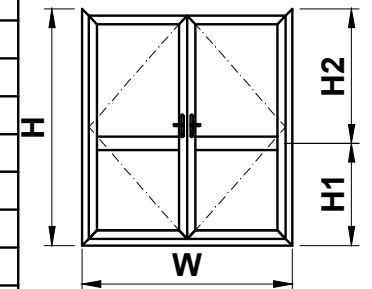
| Accessories |                   |                           |
|-------------|-------------------|---------------------------|
| ACCY3560S3  | 1                 | Euro Cylinder             |
| **          | **                | Handles                   |
| ACET060     | 4                 | Fixing Screw for ACET4195 |
| ACET060     | 16                | Screw for Lock            |
| ACET066     | 2 x W - 100 / 300 | Fixing Screw for ETD496   |
| ACET234     | 1 x W             | Flipper Gasket            |
| ACET4190    | Pair              | ETD490 End Cap            |
| ACET4143    | Kit               | ETD448/ETD496 End Cap     |
| ACET4148    | Pair              | ETD448 End Cap at Head    |
| ACET4195    | Pair              | ETD495 End Cap            |
| ACET4196    | Pair              | ETD496 End Cap            |
| ACET4205    | 4 x W / 2 & 4 x H | Sash Foam                 |
| ACET4207    | 20                | Bridge Packers            |
| ACET475     | 4                 | Run Up Block              |
| ACET841     | 4 x W / 2 & 4 x H | E Gasket                  |
| ACIM062     | 24                | Screw for ACUL250         |
| ACPD844     | 1                 | Shootbolt Adaptor         |
| ACPD84..    | 1                 | 10mm Dia Galvanised Rod   |
| ACSH038N    | 2 x W             | Woolpile                  |
| ACSM015     | Pair              | Escutcheon                |
| ACUL077     | W & 2 x H         | Outer Frame Foam          |
| ACUL210A    | 2                 | Outer Frame Cleat         |
| ACUL210B    | 2                 | Outer Frame Cleat         |
| ACUL224     | 8                 | Sash Cleat                |
| ACUL225     | 8                 | Sash Cleat                |

|          |               |                          |
|----------|---------------|--------------------------|
| ACUL242  | 1             | Finger Bolt Guide        |
| ACUL250  | 6             | Hinge                    |
| ACUL295  | 2             | Low Threshold Bracket    |
| ACUL390  | Pair          | Finger Bolt Flat Keep    |
| ACUN3035 | 4 x W & 6 x H | Flipper Gasket           |
| ACUN3512 | 18            | Screw for ACUL250        |
| ACUN3513 | 2 + H / 300   | Screw for ETD448         |
| ACVL072  | 2 Pair        | VL72 End Cap             |
| ACVL061  | W/300 + 2     | VL72 Rivet               |
| WCA106   | 18            | Chevrons                 |
| *        | 1             | Double Door Primary Lock |

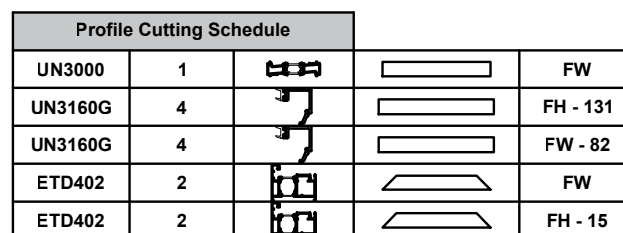
\*See Page E72 for lock options.

\*\*See B & E for handle options.

| Midrail Accessories |           |               |
|---------------------|-----------|---------------|
| ACET4302            | 2 x W / 2 | ETD4302 Foam  |
| ACUN3512            | 8         | Screws        |
| ACET841             | 4 x W     | E Gasket      |
| ACET4207            | 8         | Bridge Packer |

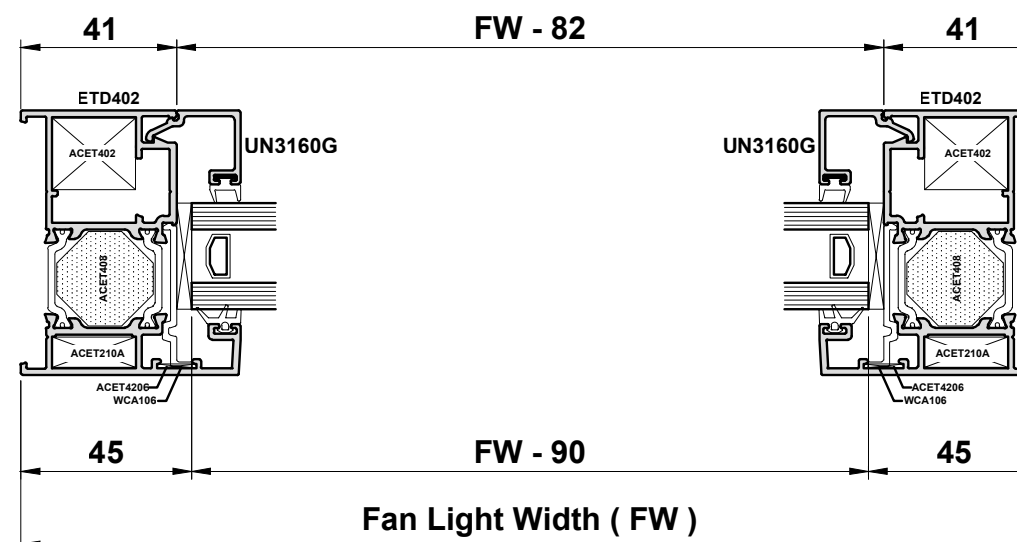
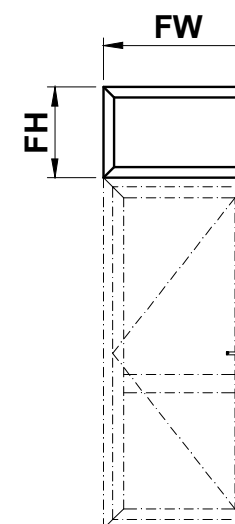


Do Not Scale From This Drawing



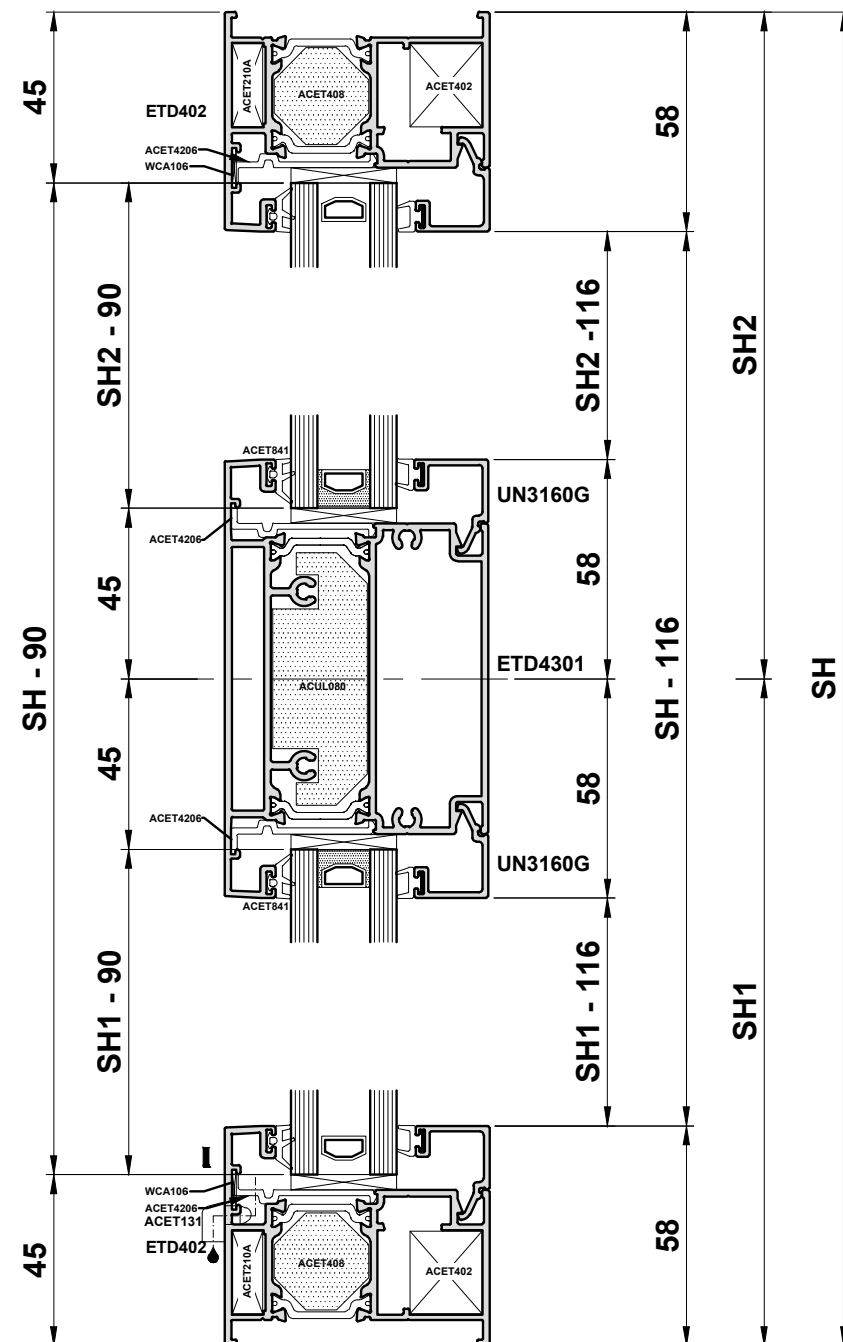
| Accessories |                 |                  |
|-------------|-----------------|------------------|
| ACET402     | 4               | Frame Cleat      |
| ACET210A    | 4               | Frame Cleat      |
| ACET4206    | 4               | Corner Chevron   |
| ACET4207    | 8               | Bridge Packers   |
| ACET131     | 2               | Drainage Cap     |
| ACET408     | 2 X FW + 2 X FH | Outer Frame Foam |
| ACET841     | 2 X FW + 2 X FH | E Gasket         |

| Glass Sizes |          |         |
|-------------|----------|---------|
|             | FH - 131 | FW - 82 |



**Do Not Scale From This Drawing**

## Side Light Quick-Glaze Bead



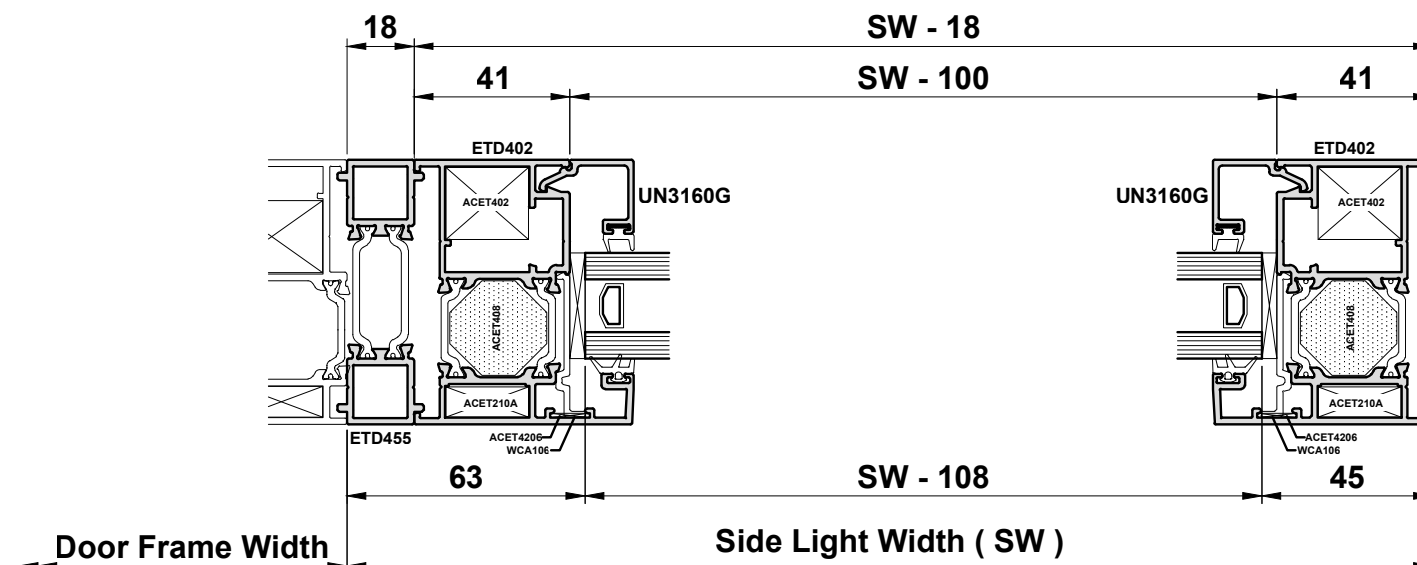
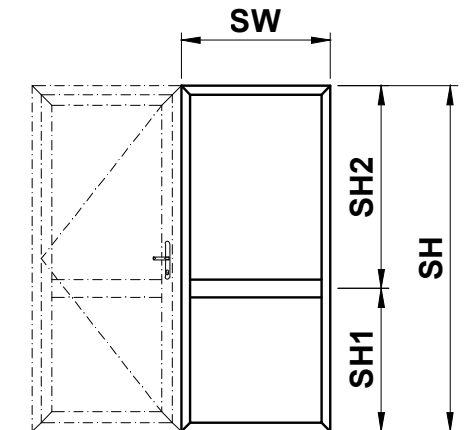
| Profile Cutting Schedule |   |  |  |          |
|--------------------------|---|--|--|----------|
| UN3160G                  | 2 |  |  | SH - 116 |
| UN3160G                  | 2 |  |  | SW - 100 |
| ETD402                   | 2 |  |  | SW - 18  |
| ETD402                   | 2 |  |  | SH       |

| MIDRAIL | ETD4301 | 1 |  |  | SW - 100 |
|---------|---------|---|--|--|----------|
|         | UN3160G | 2 |  |  | SW - 100 |
|         | UN3160G | 2 |  |  | SH - 90  |
|         | UN3160G | 2 |  |  | SH - 90  |

| Accessories |                 |                  |
|-------------|-----------------|------------------|
| ACET402     | 4               | Frame Cleat      |
| ACET210A    | 4               | Frame Cleat      |
| ACET4206    | 4               | Corner Chevron   |
| ACET4207    | 8               | Bridge Packers   |
| ACET131     | 2               | Drainage Cap     |
| ACET408     | 2 X SW + 2 X SH | Outer Frame Foam |
| ACET841     | 2 X SW + 2 X SH | E Gasket         |

| Midrail Accessories |        |               |
|---------------------|--------|---------------|
| ACUL080             | 7 X SW | ETD4301 Foam  |
| ACUN3512            | 8      | Screws        |
| ACET841             | 2 X SW | E Gasket      |
| ACET4207            | 4      | Bridge Packer |

| Glass Sizes               |          |          |
|---------------------------|----------|----------|
| Without ETD4301           | SH - 90  | SW - 100 |
| Top Glass With ETD4301    | SH2 - 90 | SW - 100 |
| Bottom Glass With ETD4301 | SH1 - 90 | SW - 100 |



Do Not Scale From This Drawing

**Do Not Scale From This Drawing**