



Arkay Windows

UNI**FOLD HI**

Technical manual

Unifold HI



Maximum Panel Width 1200 mm
 Maximum Panel Height 3000 mm
 Maximum Panel Weight 120 kg

UNI FOLD^{HI}

INSTALL EFFORTLESSLY
 WITH THE UNIFOLD HI

Meet the Unifold HI, our new Bifold door with 110mm glass-to-glass sightlines, pre-gasketed snap-in glazing beads for effortless installation, options for PAS24 Certification and U values from as low as 0.8 W/m²K

SLIM 110MM GLASS TO GLASS SIGHTLINES

MODERN SQUARE LOOK

COLOUR - MATCHED HARDWARE

FULLY OPERABLE CORNERS

DOUBLE OR TRIPLE GLAZING

PAS24 CERTIFIED OPTIONS

MULTI-POINT LOCKING

BIFOLD RATING A++ TRIPLE GLAZED *

ADJUSTABLE JAMB OPTION

U VALUE FROM 0.8 W/M²K

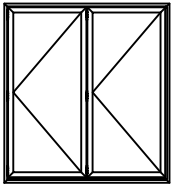
| | |
|-------------------|---------------------------------|
| FRAME DEPTH | 80 mm |
| GLAZING THICKNESS | 25-48 mm |
| GLAZING METHOD | Internally Beaded |
| GLAZING | Double or Triple |
| FINISHES | Single or Dual. All RAL Colours |

| PERFORMANCE | |
|------------------|-----------------------------|
| U-VALUE | From 0.8 W/m ² K |
| AIR PERMEABILITY | Class 4 |
| WATER TIGHTNESS | Class E750 |
| WIND RESISTANCE | Class C3 |

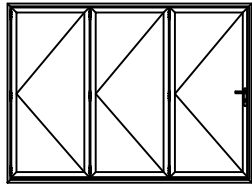
| ENHANCED SECURITY | |
|---------------------|-----|
| PAS24 | Yes |
| MULTI-POINT LOCKING | Yes |

| THRESHOLD HEIGHT | |
|------------------|---------|
| STANDARD | 46.5 mm |
| LOW | 28.5 mm |

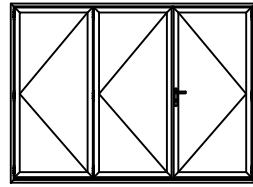
UNIFOLD HI- Typical Elevations



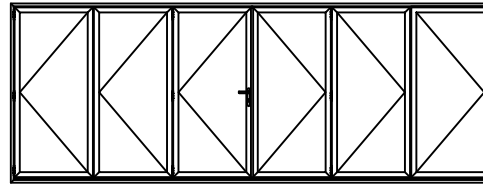
2 PANE - 220



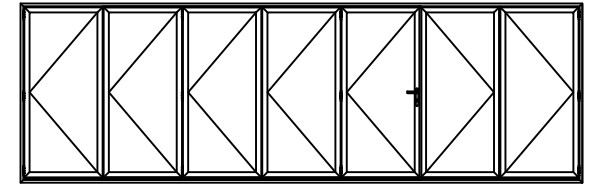
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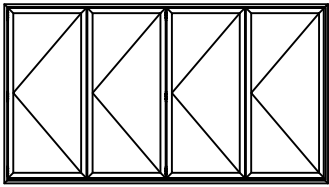
3 PANE - 321



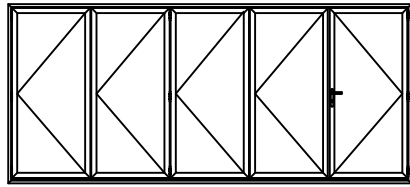
6 PANE - 633



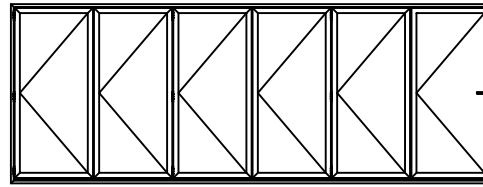
7 PANE - 752



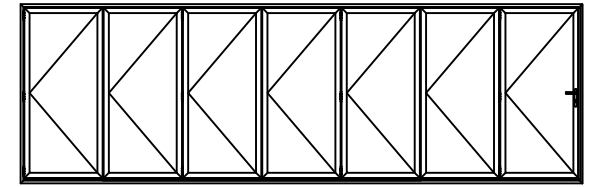
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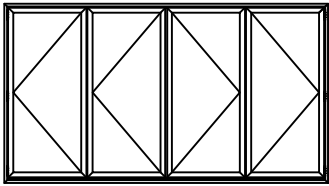
5 PANE - 541



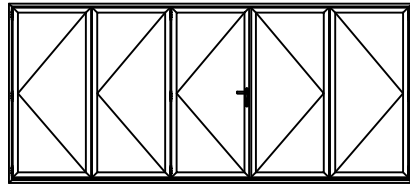
6 PANE - 660



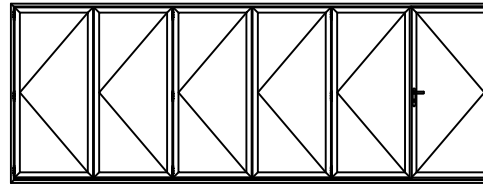
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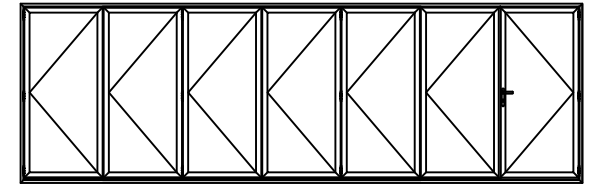
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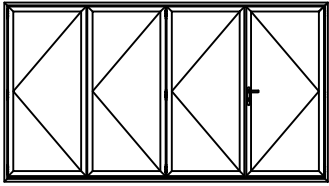
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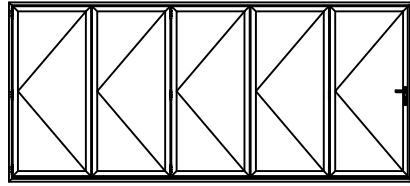
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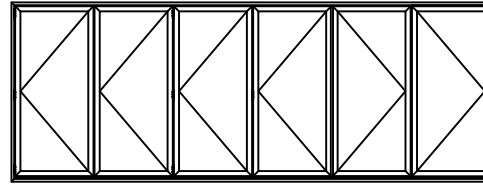
7 PANE - 761



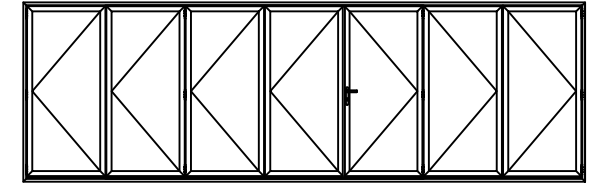
4 PANE - 431



5 PANE - 550



6 PANE - 642

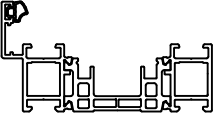

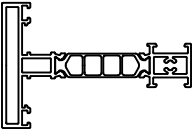

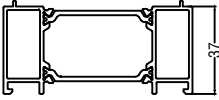
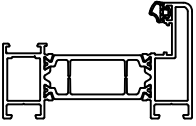

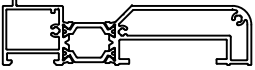
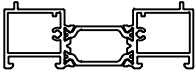
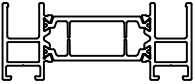

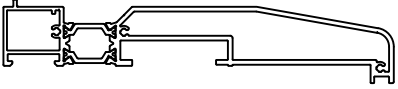


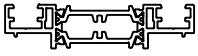
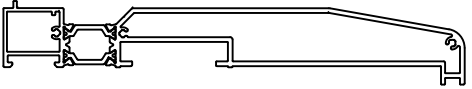



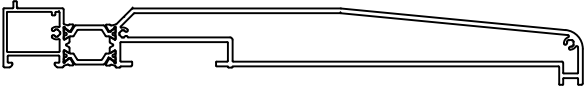
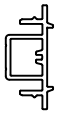




7 PANE - 743

LOW THRESHOLD OPTION AVAILABLE

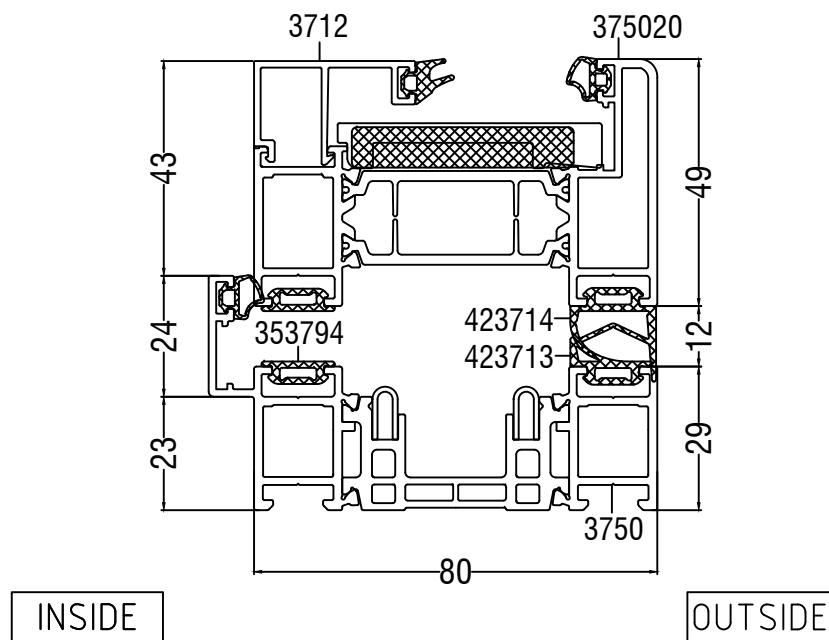
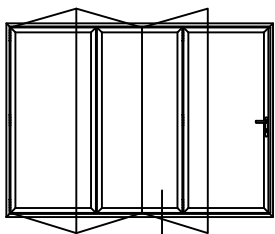
OPEN IN AND OPEN OUT CONFIGURATIONS AVAILABLE

UNIFOLD HI- Standard Profiles

| | | | | | | | |
|---|---|---|--|---|---|---|------------------|
|  | 3750 - Outer Frame (Pre inserted gasket) |  | 3751 - Low threshold track |  | 3775 - Transom |  | 3798 - Coupler |
|  | 3734 - 37mm Extension Profile |  | 375020 - Pencil Line Sash (Pre inserted gasket) |  | 3712 - Glazing bead (28mm glass) 3714 - Glazing bead (36mm glass) 3716 - Glazing bead (44mm glass) (Pre inserted gasket) |  | 3736 - 105mm Cil |
|  | 3733 - 25mm Extension Profile |  | 3769 - Adjustable Jamb |  | 1740 - 45mm Drainage Duct |  | 3737 - 165mm Cil |
|  | 3771 - Threshold Ramp |  | 3768 - Adjustable Jamb Adapter |  | 3761 - Lock adaptor |  | 3738 - 195mm Cil |
|  | 3762 - Half Roller Adaptor |  | 3765 - Half roller rebate |  | 374800 - Gutter Cap |  | 3739 - 245mm Cil |
|  | 3701 - Frame Cover |  | 3764 - Half roller Adaptor |  | 3700 - Stainless steel track | | |

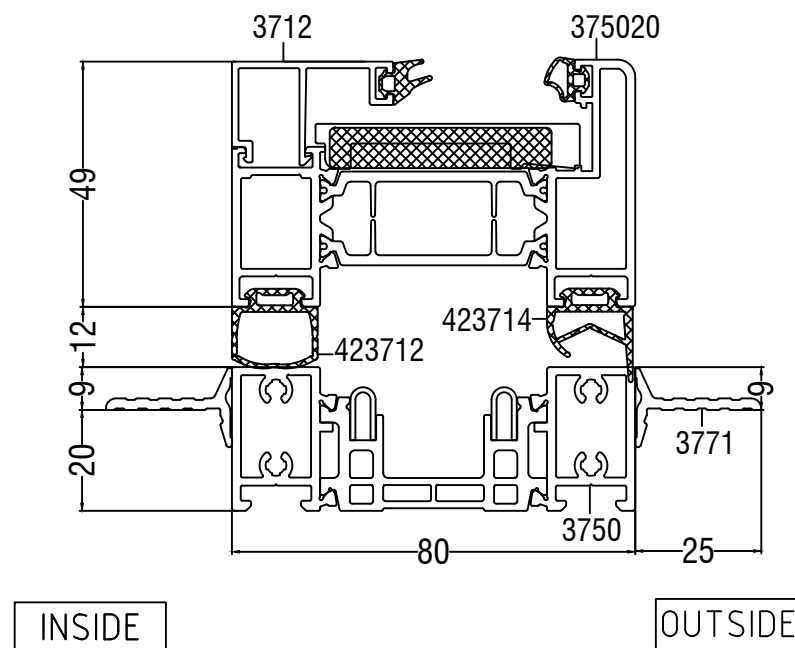
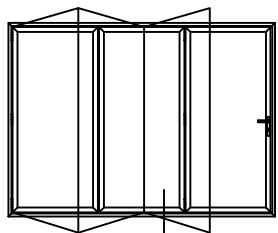
UNIFOLD - Typical Sections

Threshold - Open Out



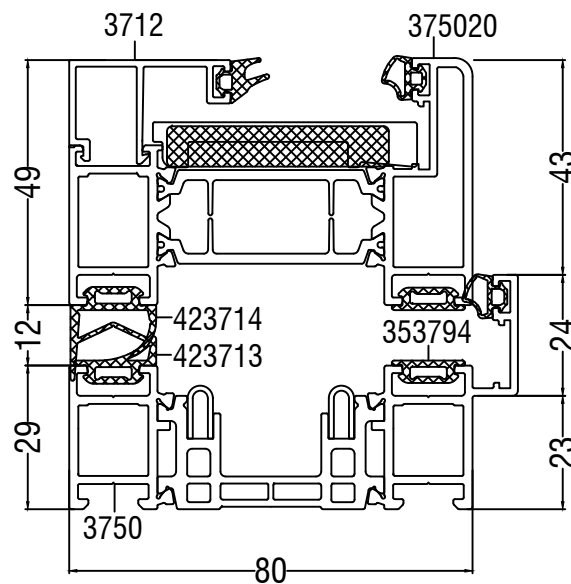
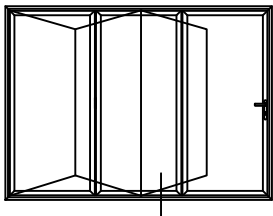
UNIFOLD - Typical Sections

Threshold - Low Threshold



UNIFOLD - Typical Sections

Threshold - Open In

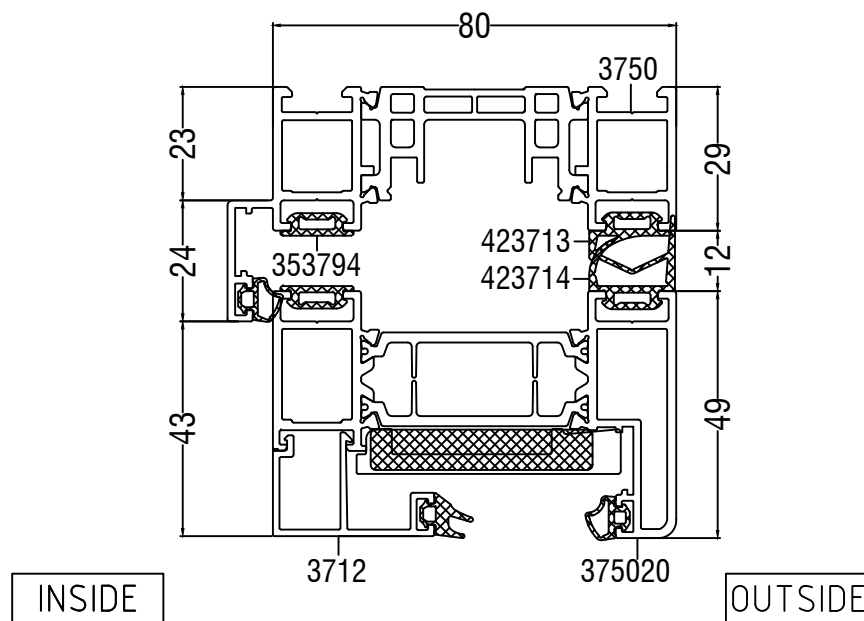
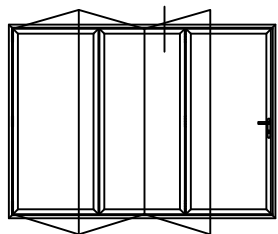


INSIDE

OUTSIDE

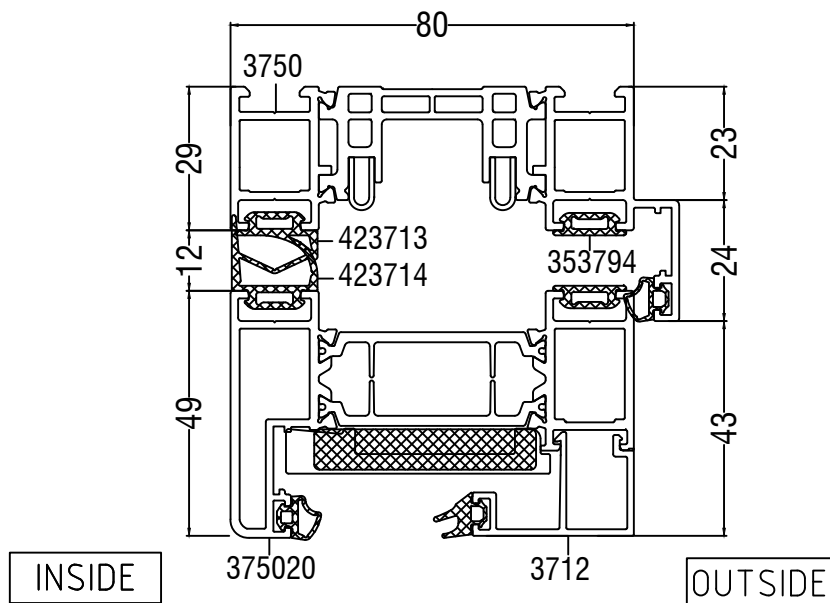
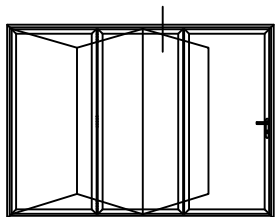
UNIFOLD - Typical Sections

Head - Open Out



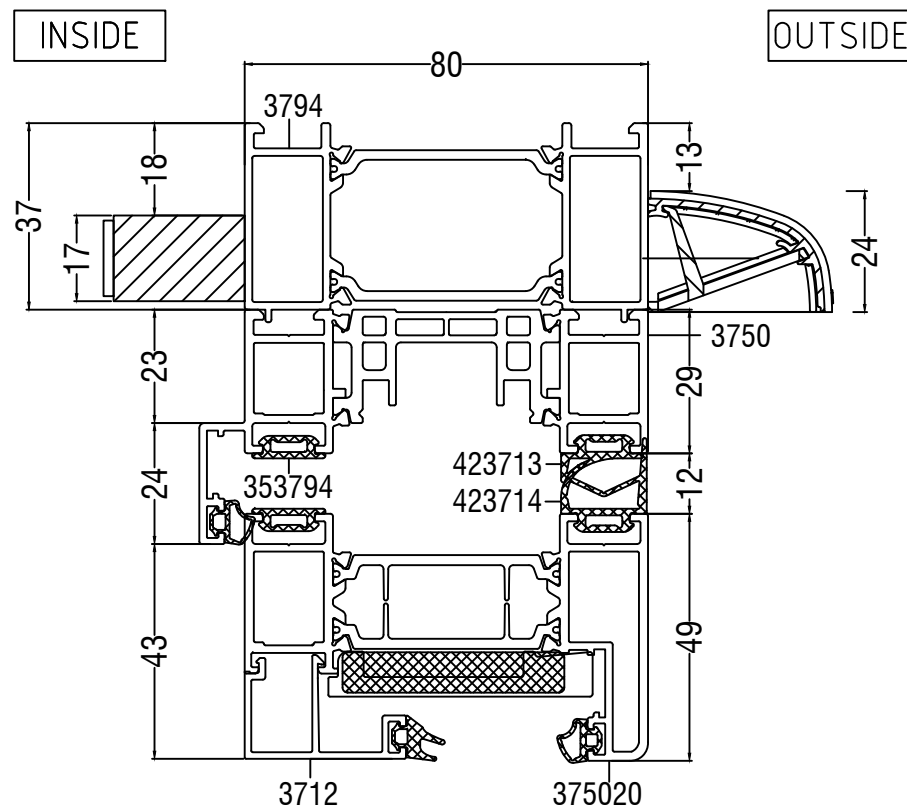
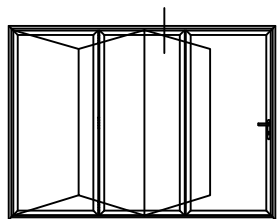
UNIFOLD - Typical Sections

Head - Open In



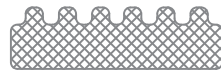
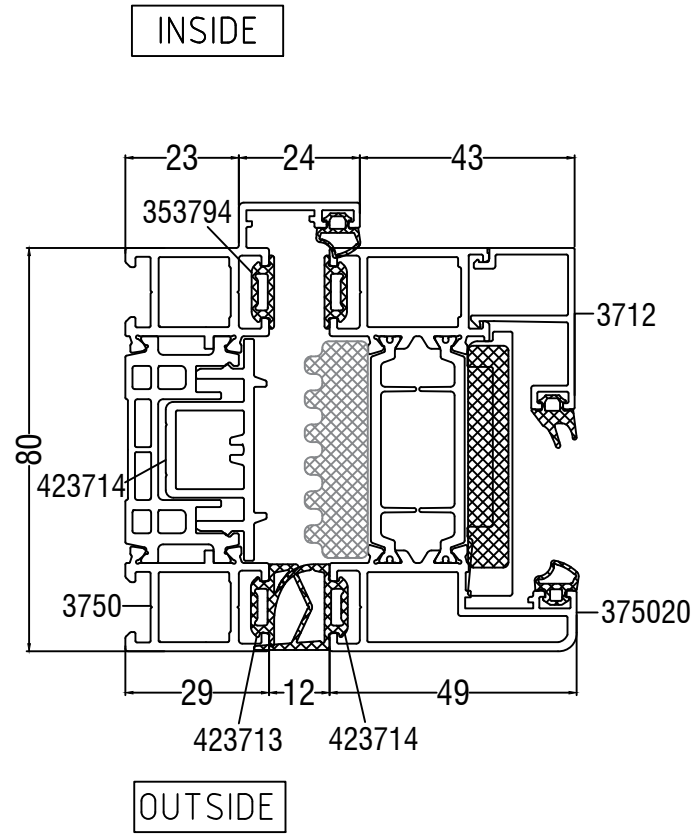
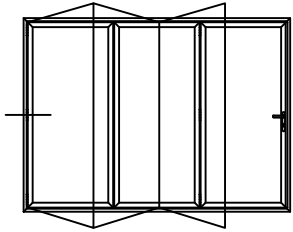
UNIFOLD - Typical Sections

Head - Open In with 37mm Extension + Trickle Vent



UNIFOLD - Typical Sections

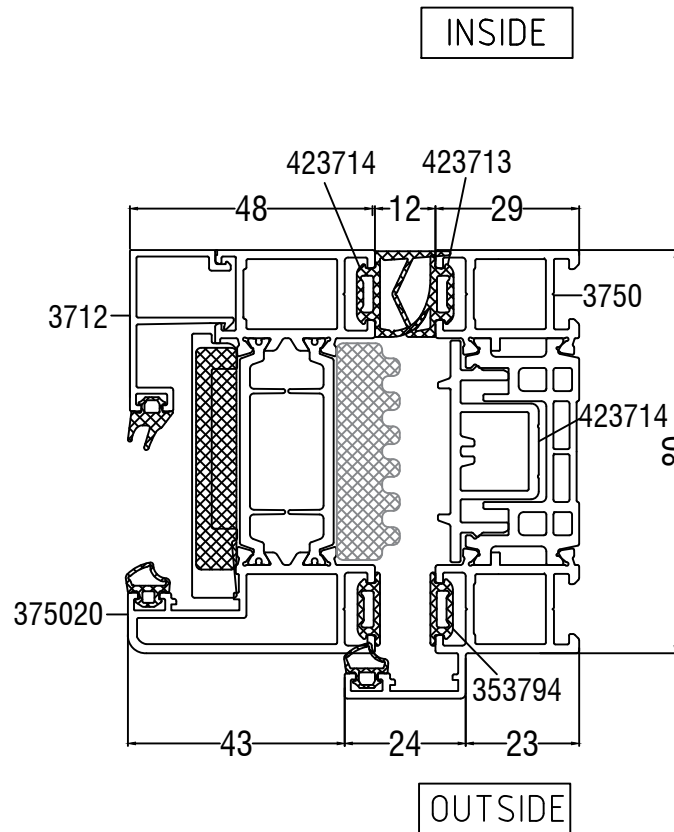
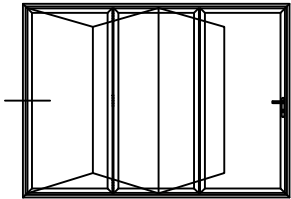
Jamb - Hinged Open Out



320037 (Optional Foam for better u value)

UNIFOLD - Typical Sections

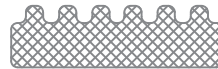
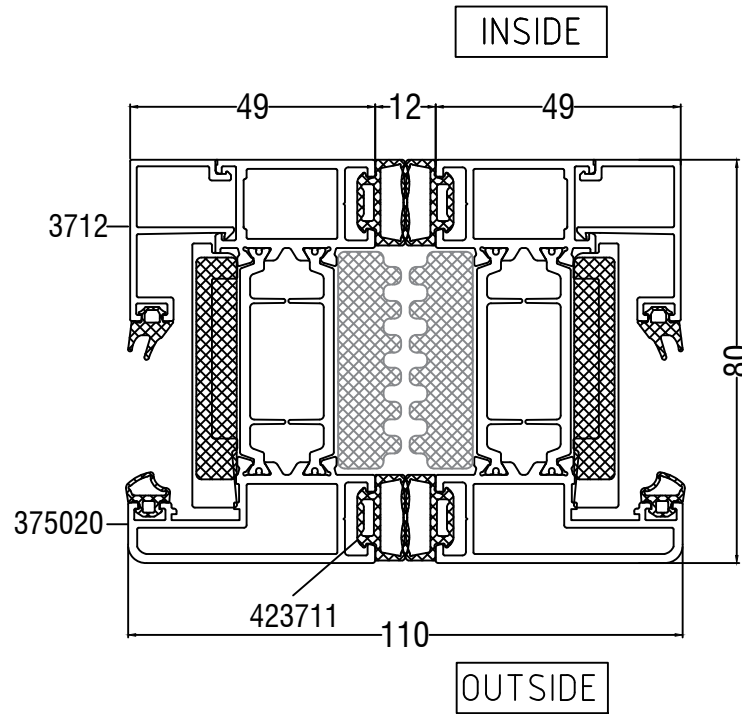
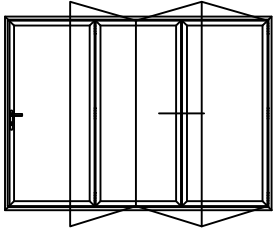
Jamb - Hinged Open In



320037 (Optional Foam for better u value)

UNIFOLD - Typical Sections

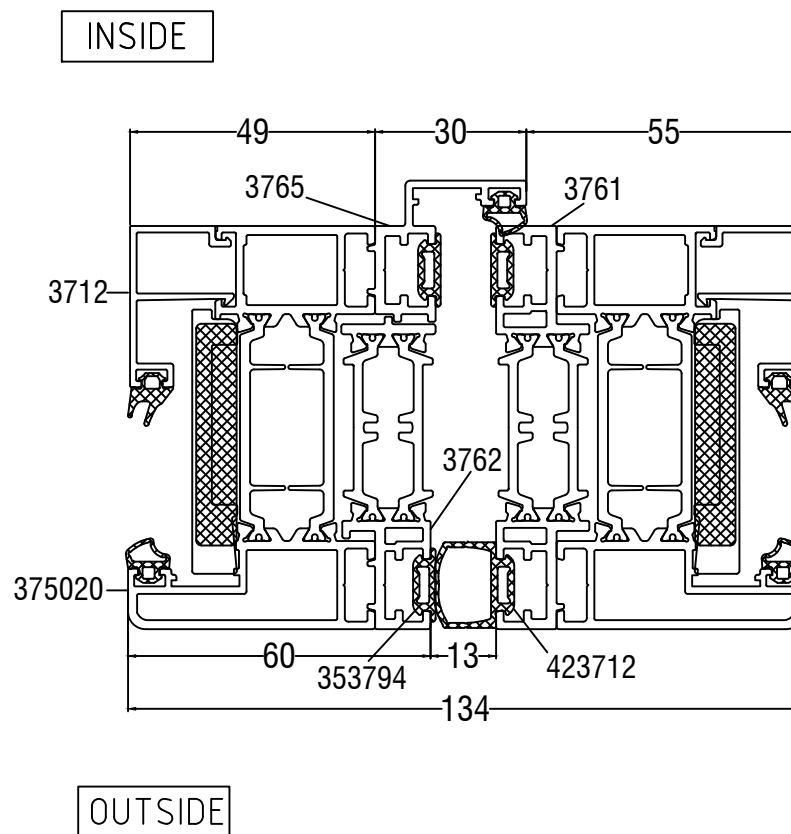
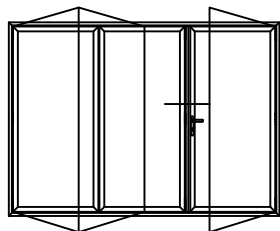
Interlock - T-Handle Open Out



320037 (Optional Foam for better u value)

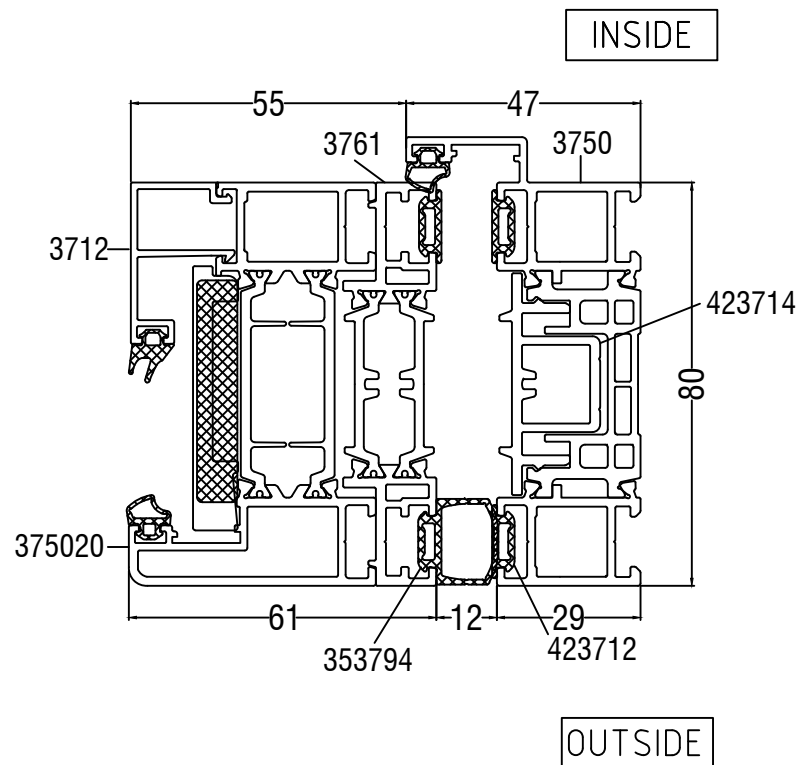
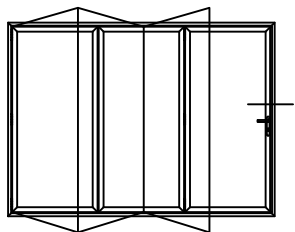
UNIFOLD - Typical Sections

Meeting - Traffic To Even Open Out



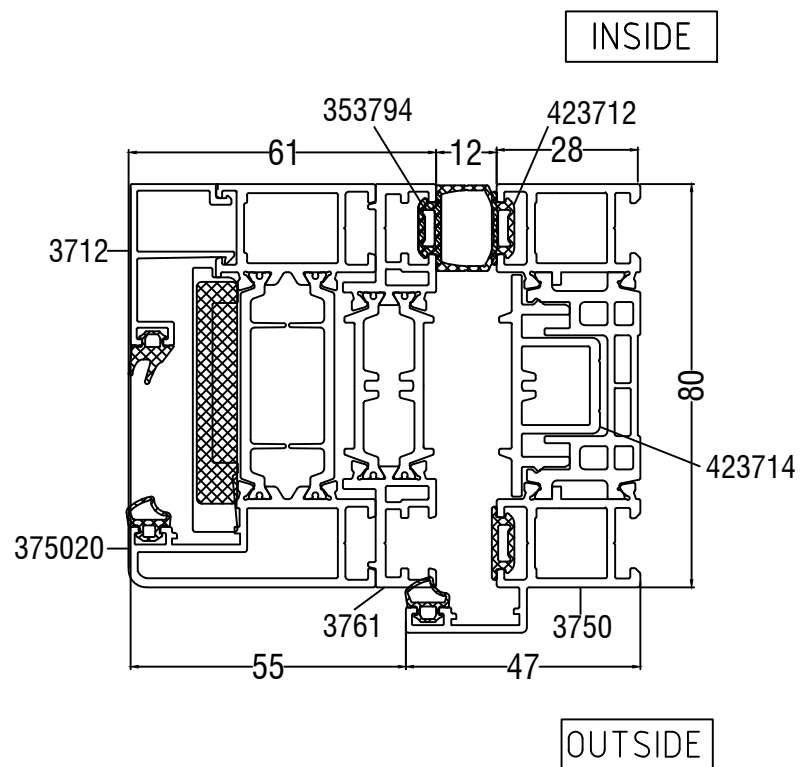
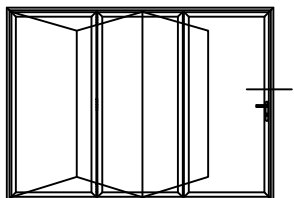
UNIFOLD - Typical Sections

Jamb - Traffic Door Open Out



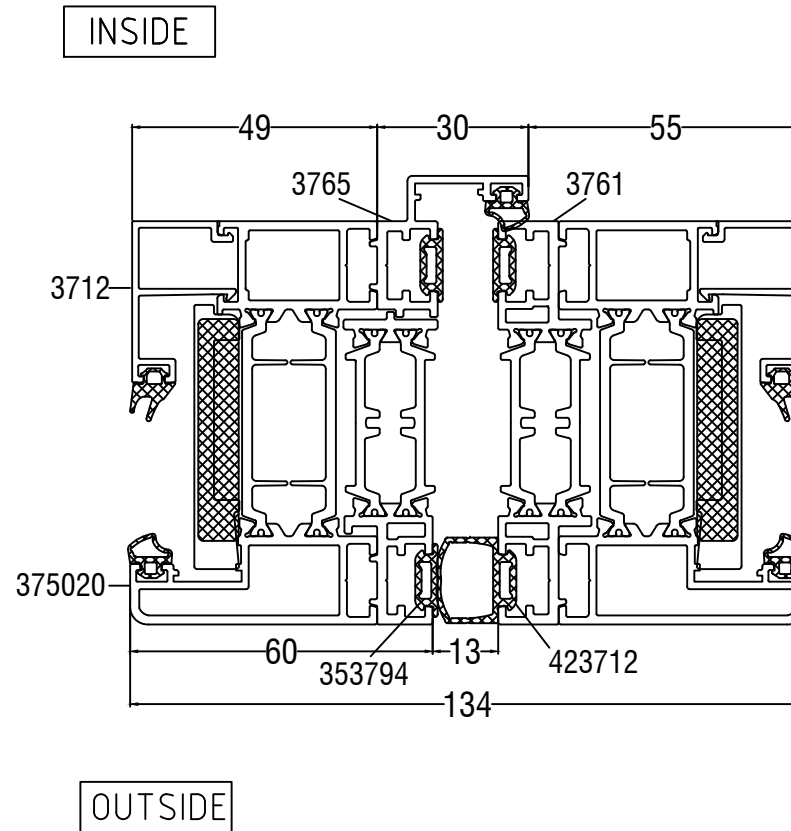
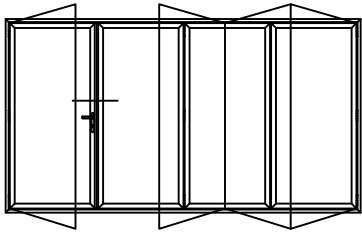
UNIFOLD - Typical Sections

Jamb - Traffic Door Open In



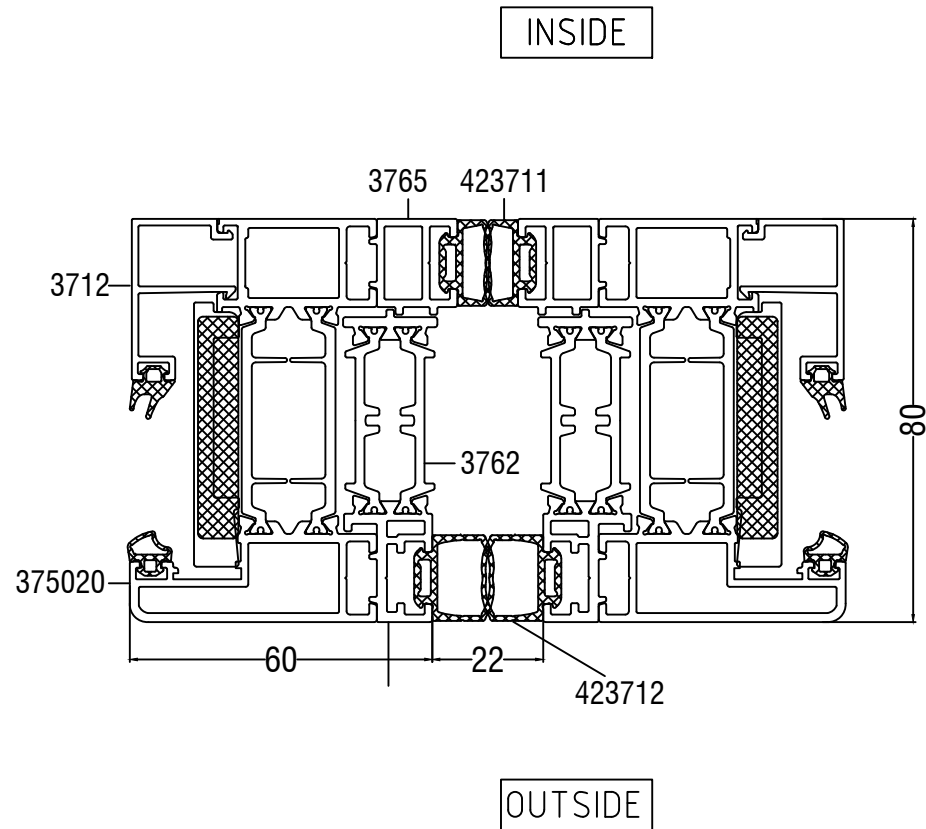
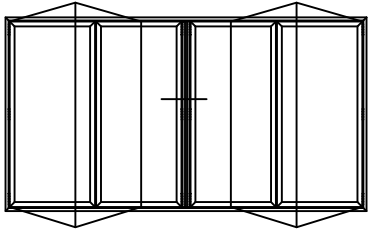
UNIFOLD - Typical Sections

Meeting - Traffic To Odd Open Out



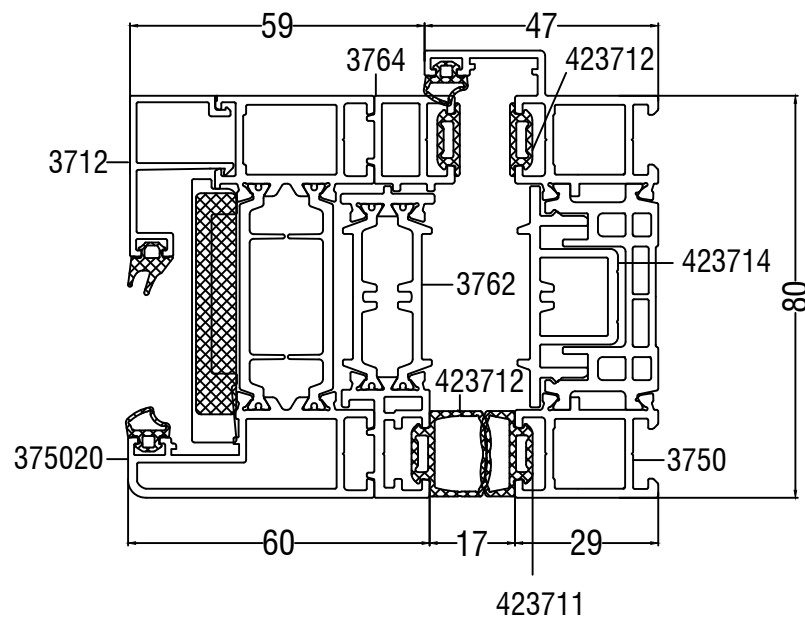
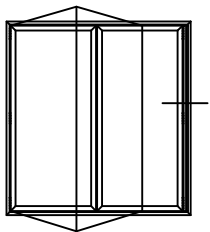
UNIFOLD - Typical Sections

Meeting - Even To Even Open Out - No Traffic Door



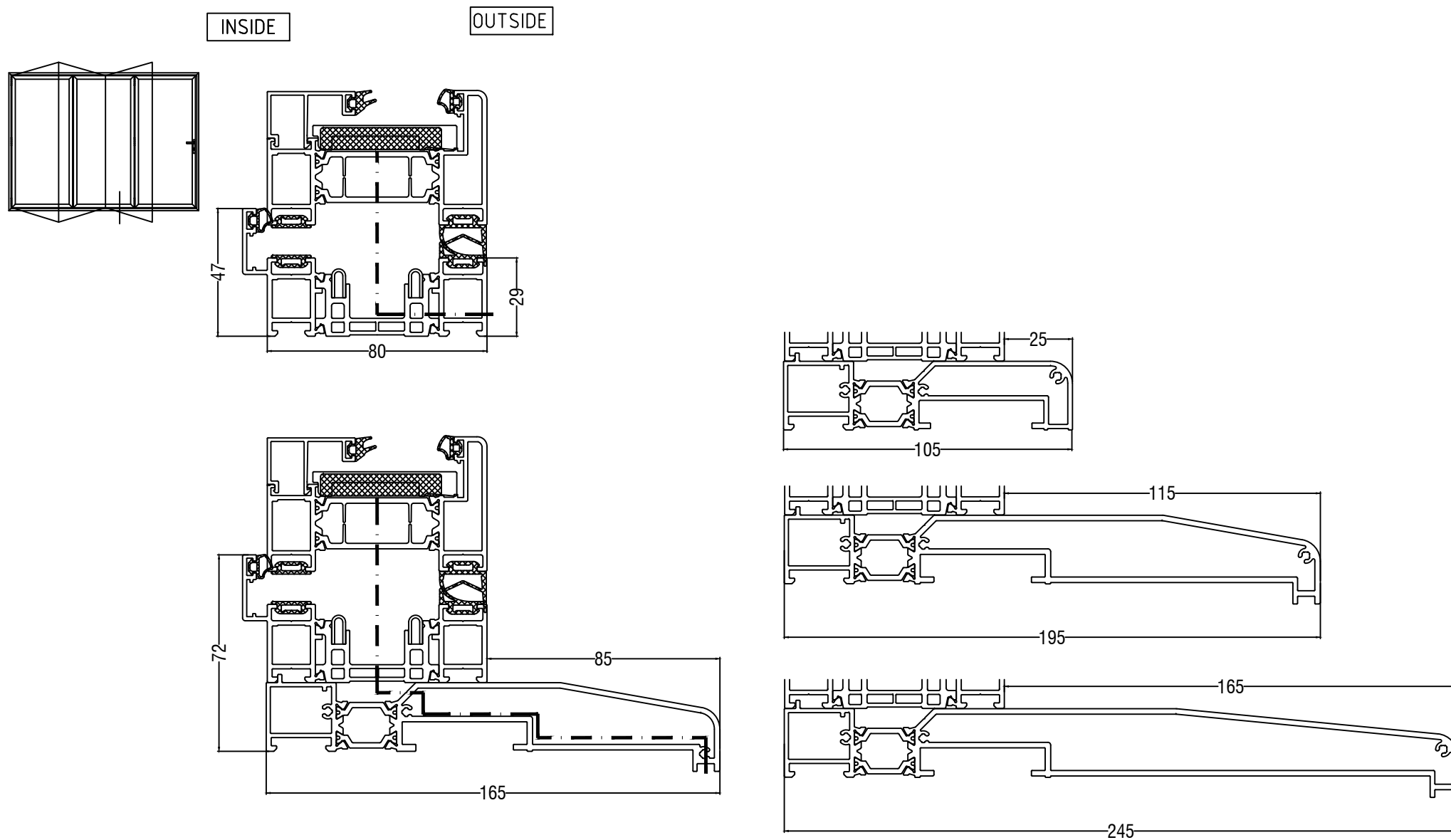
UNIFOLD - Typical Sections

Jamb - Even Configuration - No Traffic Door



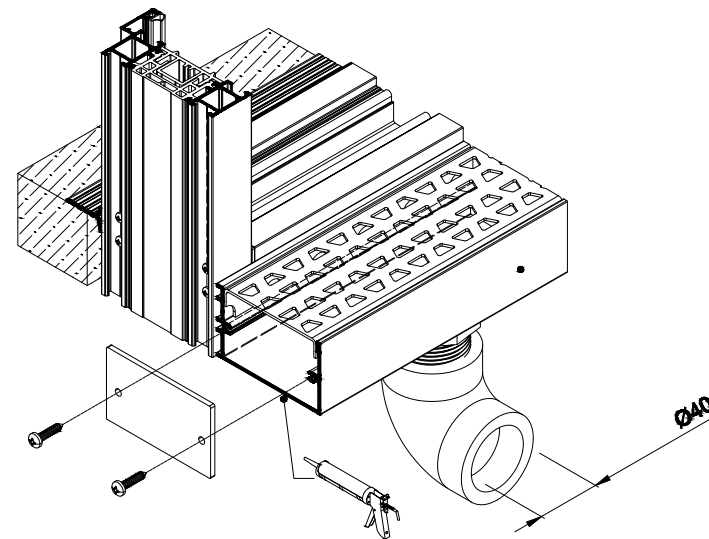
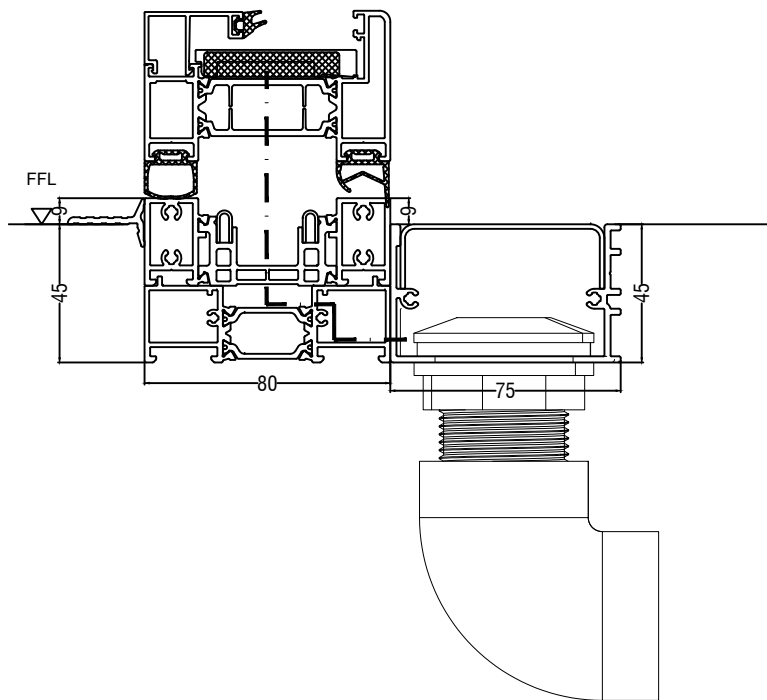
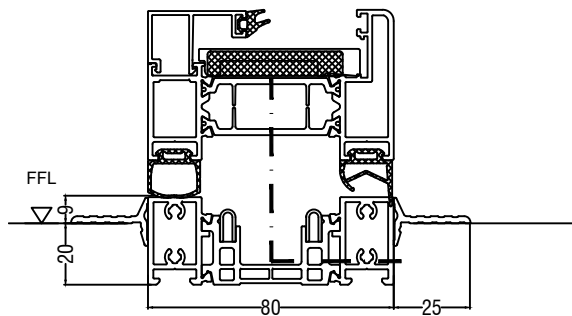
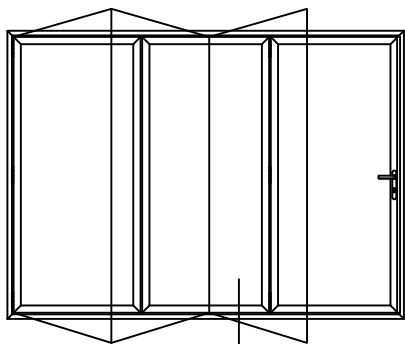
UNIFOLD - Typical Sections

Threshold - Base detail Cil options



UNIFOLD - Typical Sections

Threshold - Low threshold options





Glass & Glazing Federation Member

Official Police Security Initiative

Arkay Windows is a specialist large-scale fabricator with over 30 years experience based in Watford, North West London.

Through growth built on putting our customers first, we have risen to supply some of the country's biggest retail companies, contractors and commercial installers.

 **Arkay Windows**

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www.arkaywindows.com

