



**Arkay Windows**

# **UNI****FOLD HI**

Technical manual

# Unifold HI



## UNI FOLD<sup>HI</sup>

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/m<sup>2</sup>K

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/M<sup>2</sup>K



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

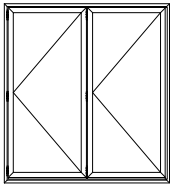
FRAME DEPTH	80 mm
GLAZING THICKNESS	25-48 mm
GLAZING METHOD	Internally Beaded
GLAZING	Double or Triple
FINISHES	Single or Dual. All RAL Colours

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

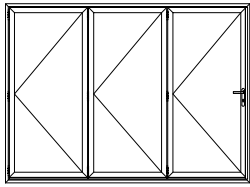
ENHANCED SECURITY	
PAS24	Yes
MULTI-POINT LOCKING	Yes

THRESHOLD HEIGHT	
STANDARD	46.5 mm
LOW	28.5 mm

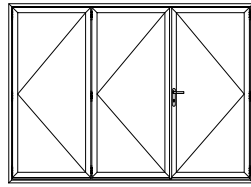
# UNIFOLD HI- Typical Elevations



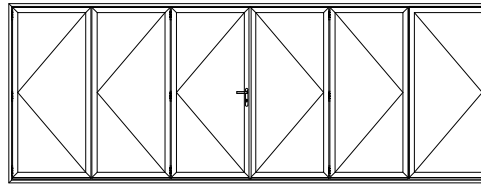
2 PANE - 220



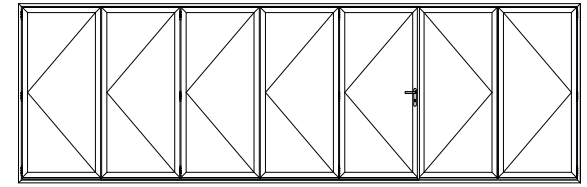
3 PANE - 330



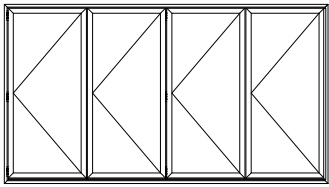
3 PANE - 321



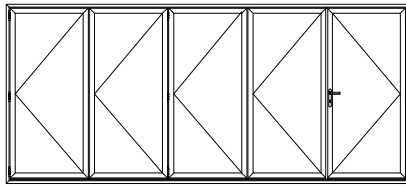
6 PANE - 633



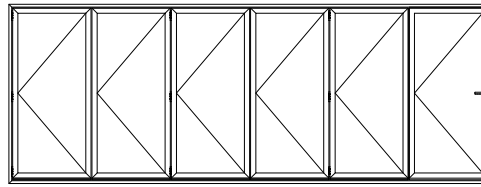
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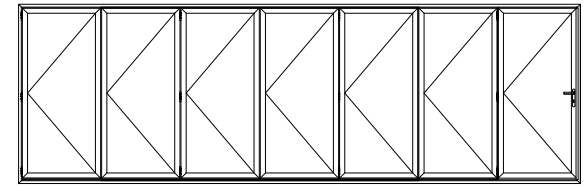
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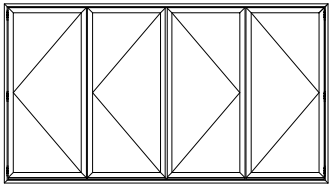
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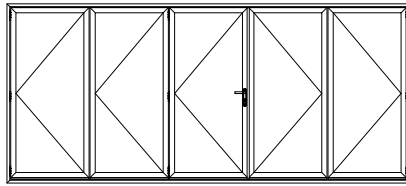
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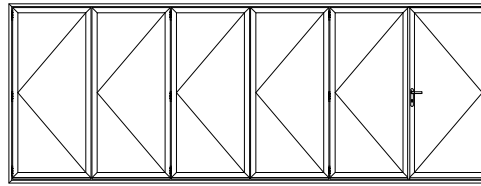
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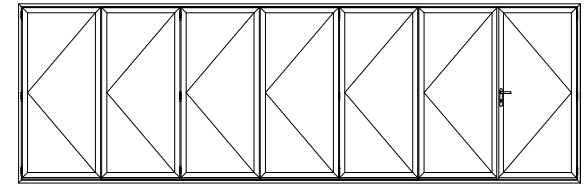
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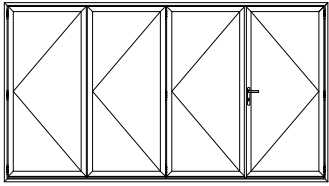
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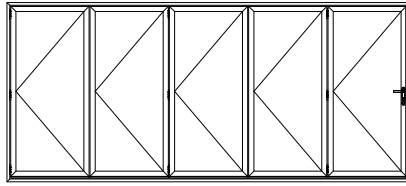
6 PANE - 651



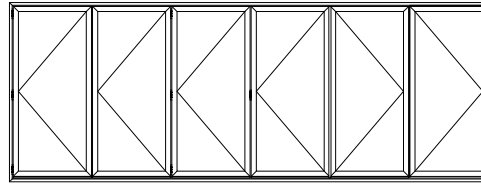
7 PANE - 761



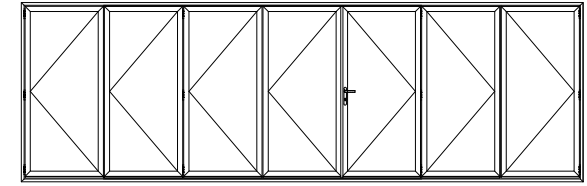
4 PANE - 431



5 PANE - 550



6 PANE - 642

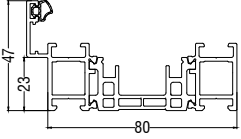
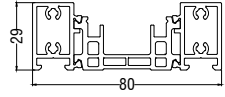
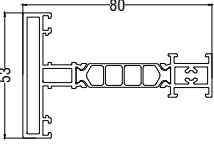
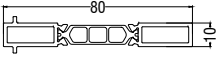
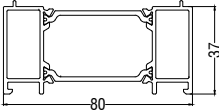
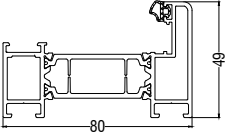

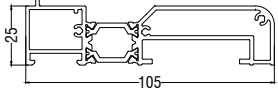
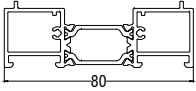
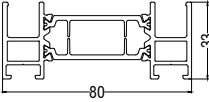
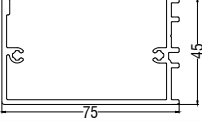
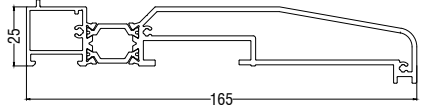


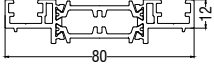
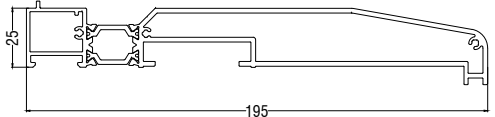
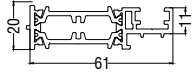
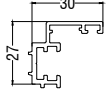
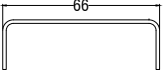
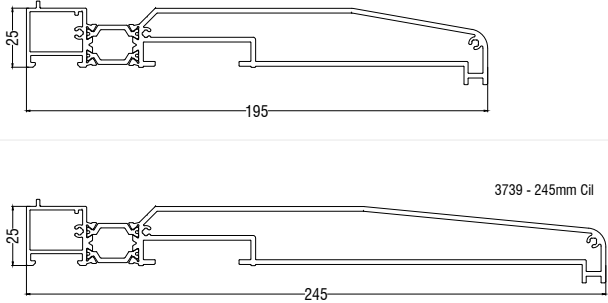
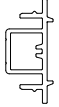


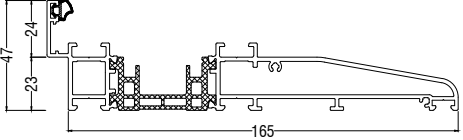


7 PANE - 743

LOW THRESHOLD OPTION AVAILABLE

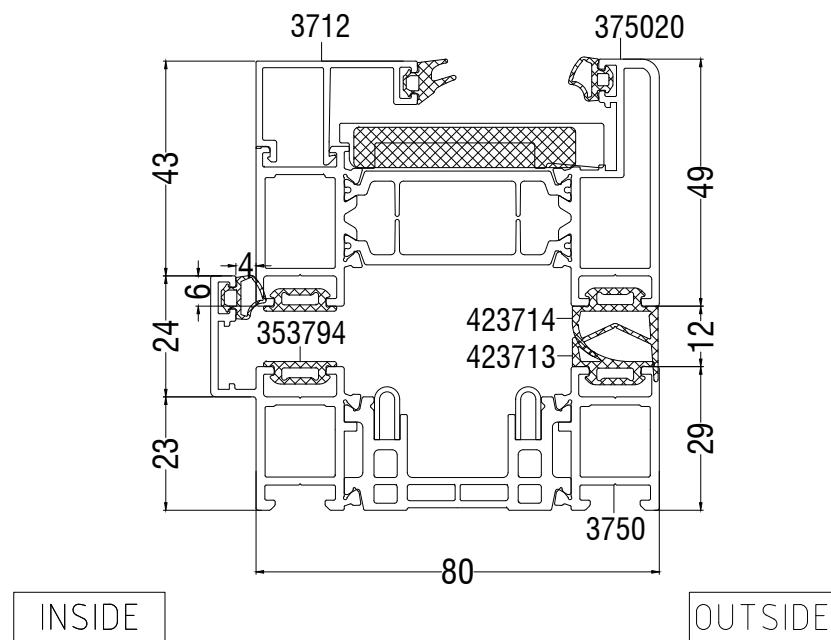
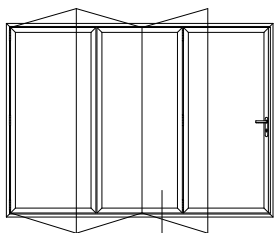
OPEN IN AND OPEN OUT CONFIGURATIONS AVAILABLE

# UNIFOLD HI- Standard Profiles

 <p>3750 - Outer Frame (Pre inserted gasket)</p>	 <p>3751 - Low threshold track</p>	 <p>3775 - Transom</p>	 <p>3798 - Coupler</p>
 <p>3734 - 37mm Extension Profile</p>	 <p>375020 - Pencil Line Sash (Pre inserted gasket)</p>	 <p>3712 - Glazing bead (28mm glass) 3714 - Glazing bead (36mm glass) 3716 - Glazing bead (44mm glass) (Pre inserted gasket)</p>	 <p>3736 - 105mm Cill</p>
 <p>3733 - 25mm Extension Profile</p>	 <p>3769 - Adjustable Jamb</p>	 <p>1740 - 45mm Drainage Duct</p>	 <p>3737 - 165mm Cill</p>
 <p>3771 - Threshold Ramp</p>	 <p>3768 - Adjustable Jamb Adapter</p>	 <p>3761 - Lock adaptor</p>	 <p>3738 - 195mm Cill</p>
 <p>3762 - Half Roller Adaptor</p>	 <p>3765 - Half roller rebate</p>	 <p>374800 - Gutter Cap</p>	 <p>3739 - 245mm Cill</p>
 <p>3701 - Frame Cover</p>	 <p>3764 - Half roller Adaptor</p>	 <p>3700 - Stainless steel track</p>	 <p>375720 - 165mm Integrated Cill</p>

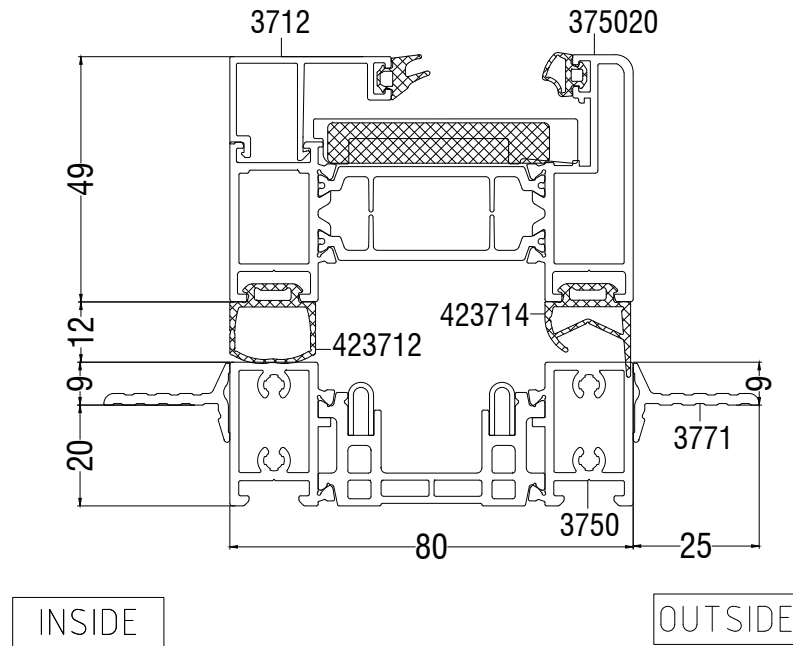
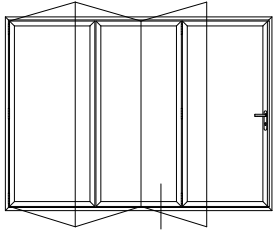
# UNIFOLD - Typical Sections

Threshold - Open Out



# UNIFOLD - Typical Sections

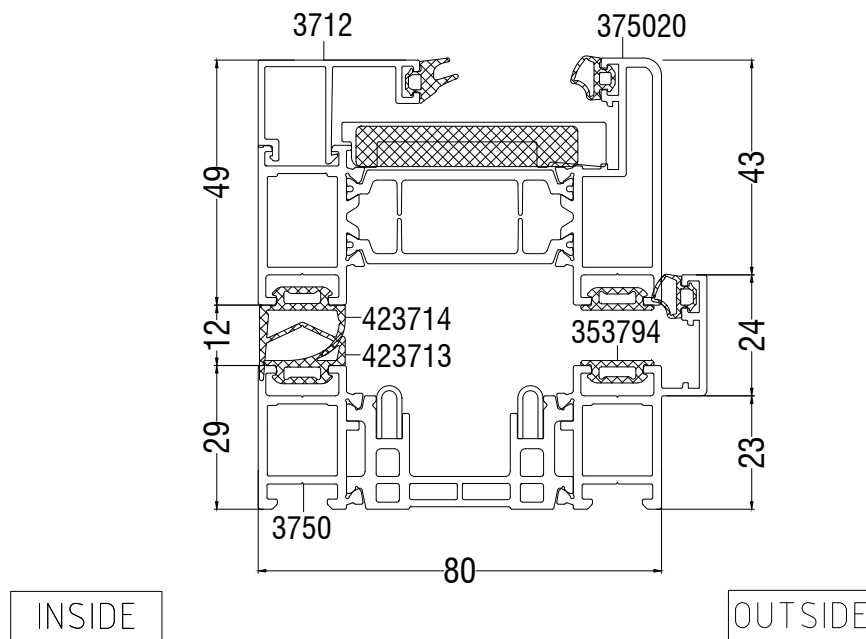
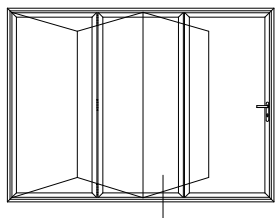
## Threshold - Low Threshold



3771 - Threshold Ramp  
(optional)

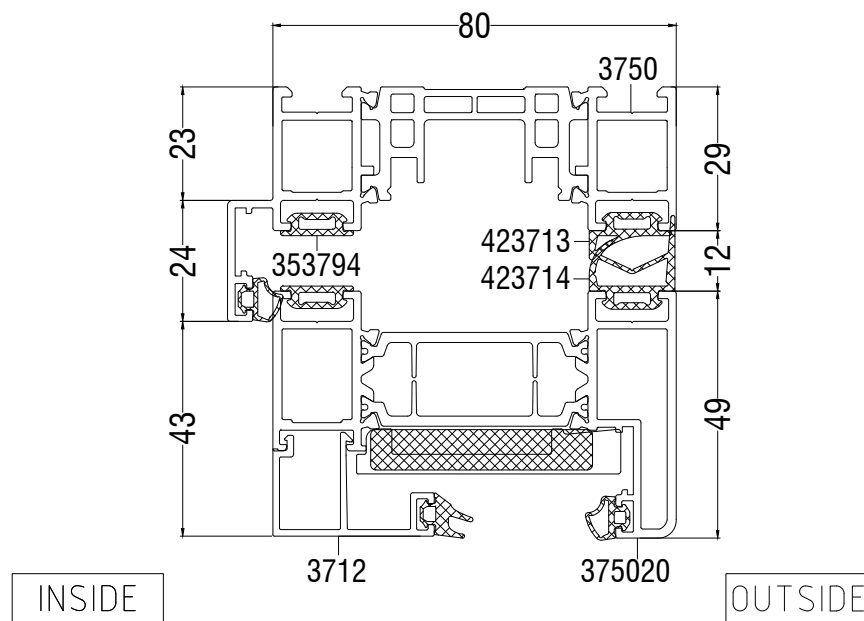
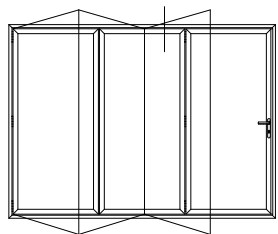
# UNIFOLD - Typical Sections

Threshold - Open In



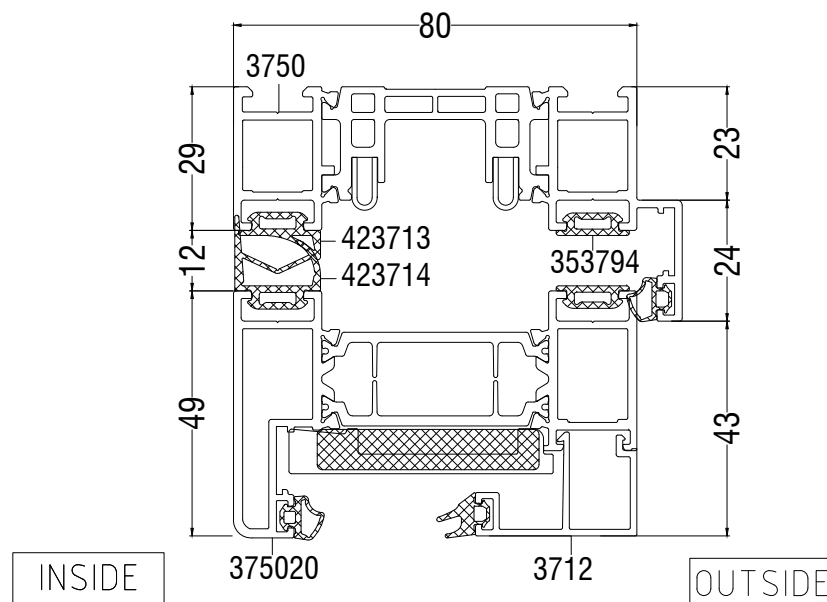
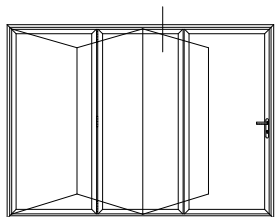
# UNIFOLD - Typical Sections

Head - Open Out



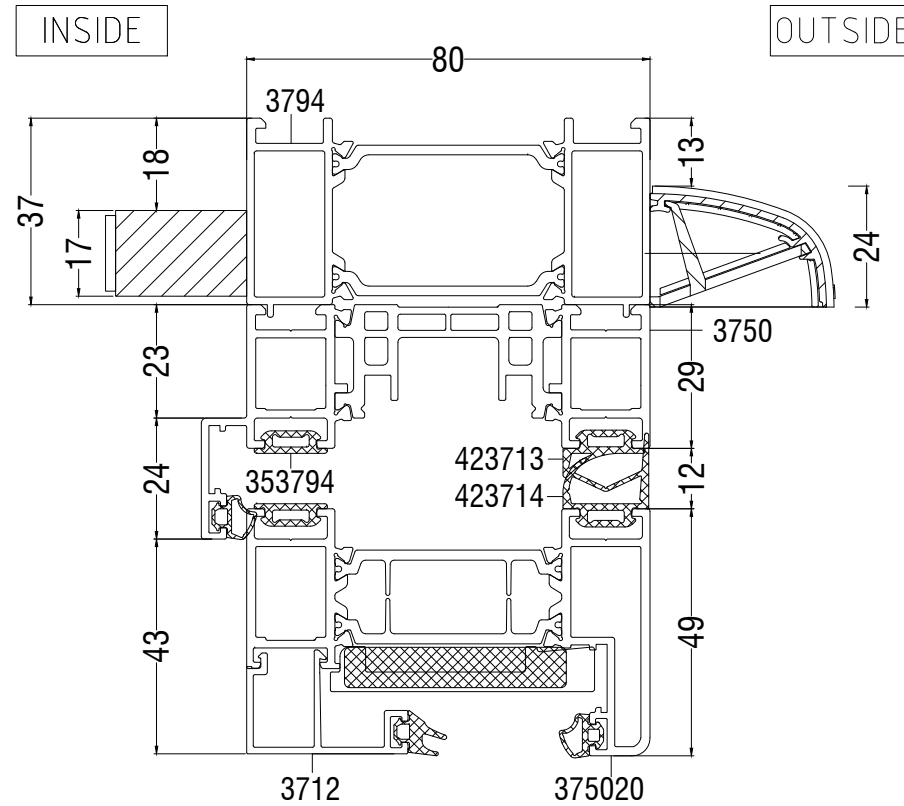
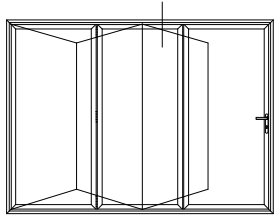
# UNIFOLD - Typical Sections

Head - Open In



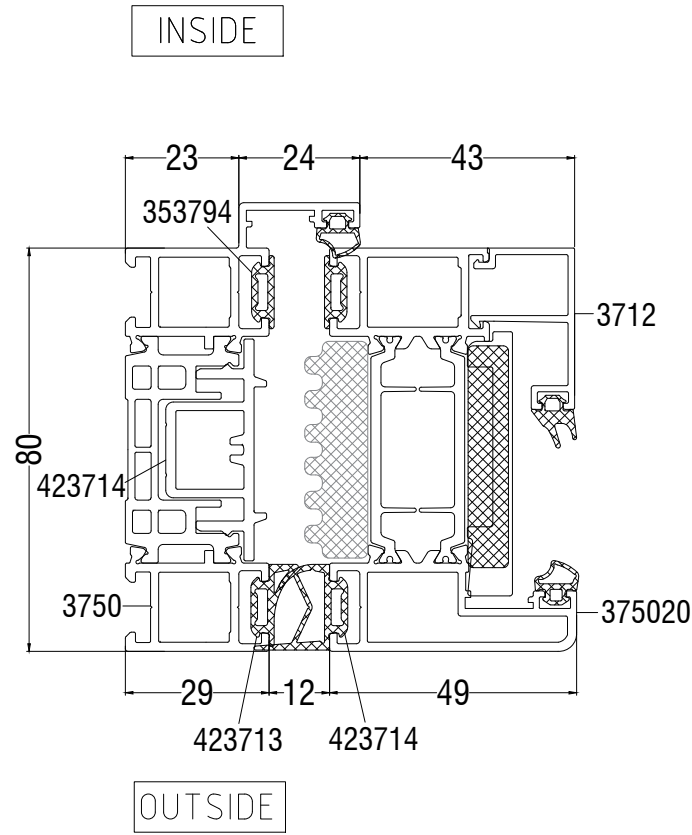
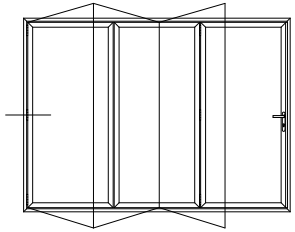
# UNIFOLD - Typical Sections

Head - Open In with 37mm Extension + Trickle Vent



# UNIFOLD - Typical Sections

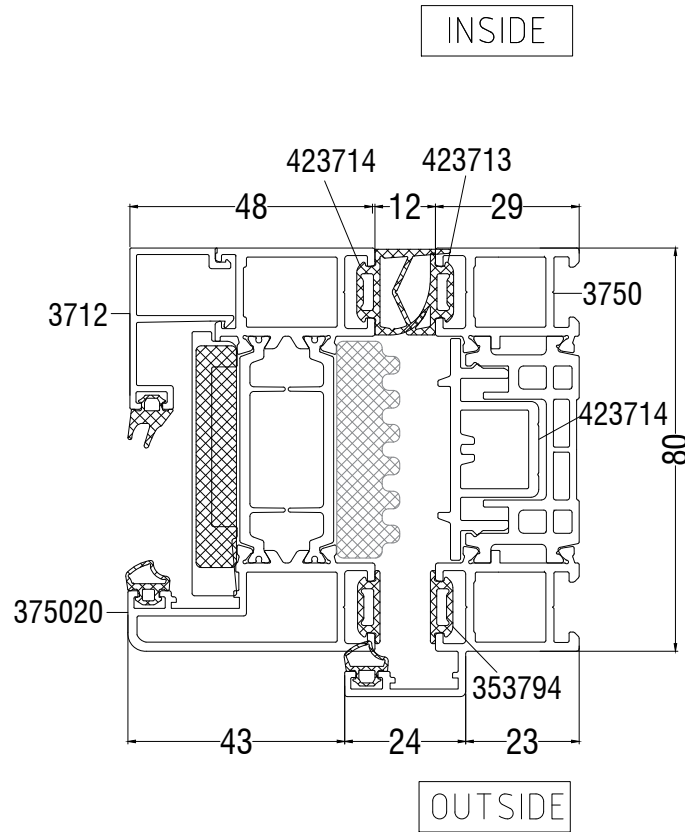
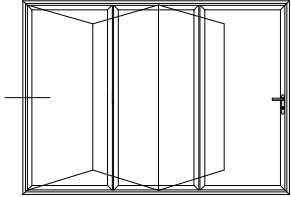
Jamb - Hinged Open Out



320037 (Optional Foam for better u value)

# UNIFOLD - Typical Sections

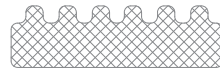
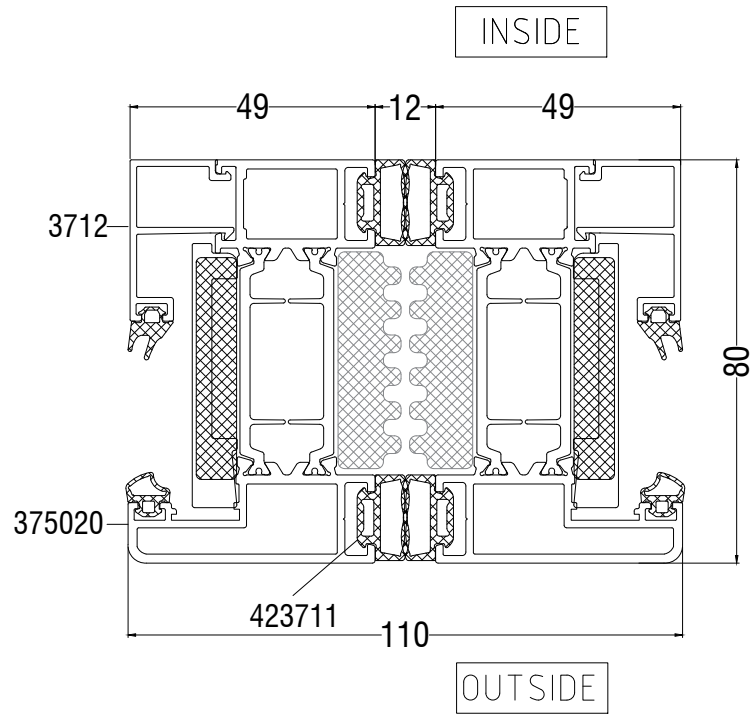
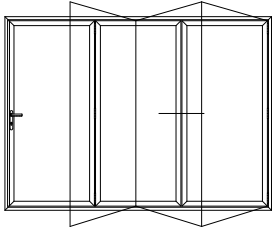
Jamb - Hinged Open In



320037 (Optional Foam for better u value)

# UNIFOLD - Typical Sections

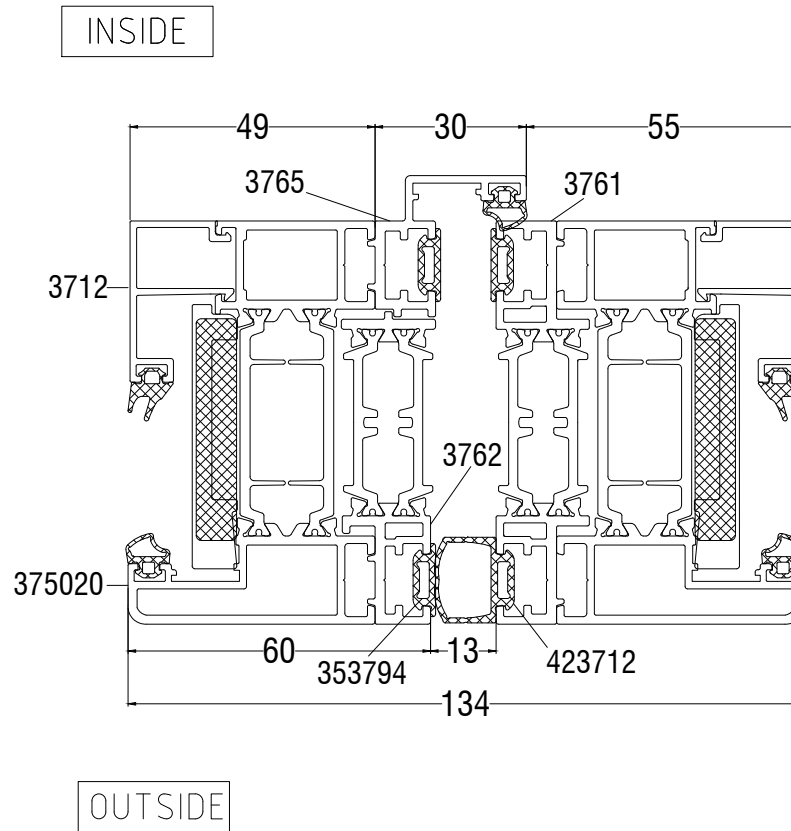
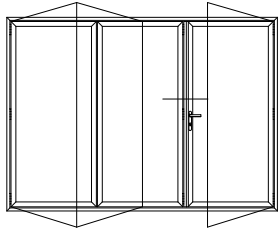
Interlock - T-Handle Open Out



320037 (Optional Foam for better u value)

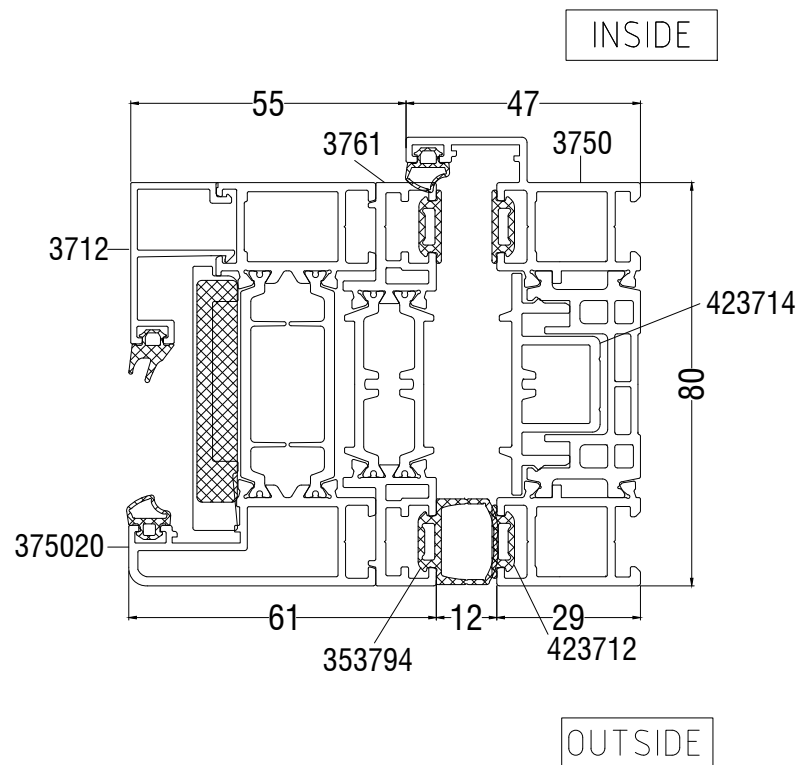
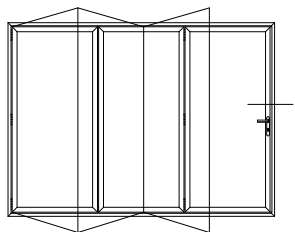
# UNIFOLD - Typical Sections

Meeting - Traffic To Even Open Out



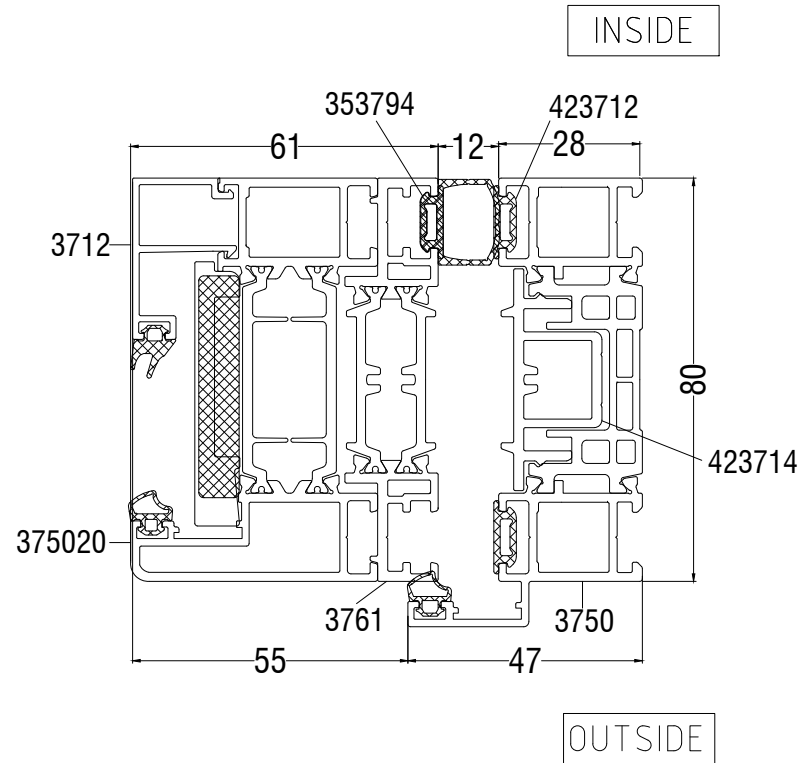
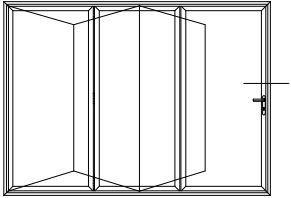
# UNIFOLD - Typical Sections

## Jamb - Traffic Door Open Out



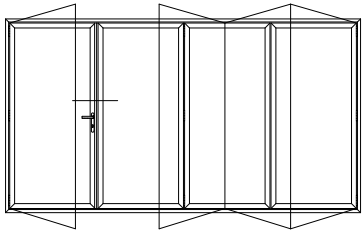
# UNIFOLD - Typical Sections

Jamb - Traffic Door Open In

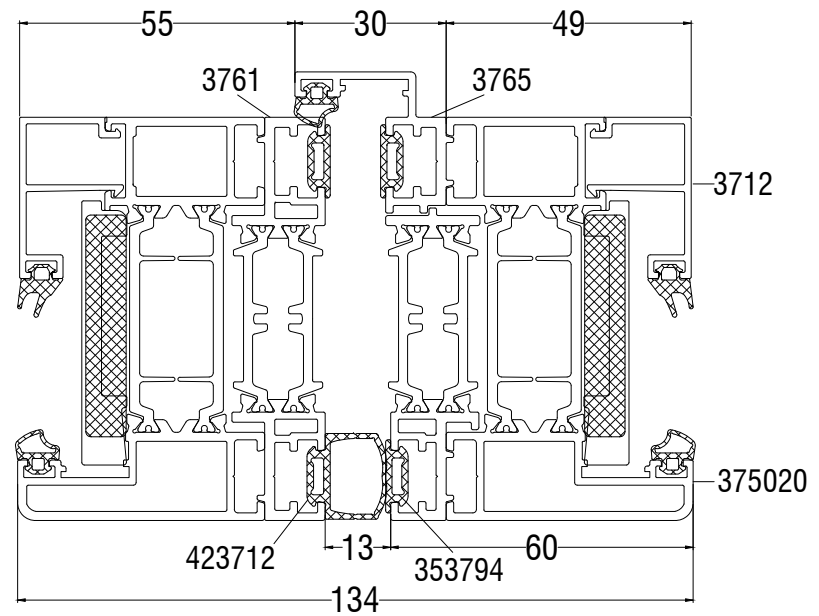


# UNIFOLD - Typical Sections

Meeting - Traffic To Odd Open Out



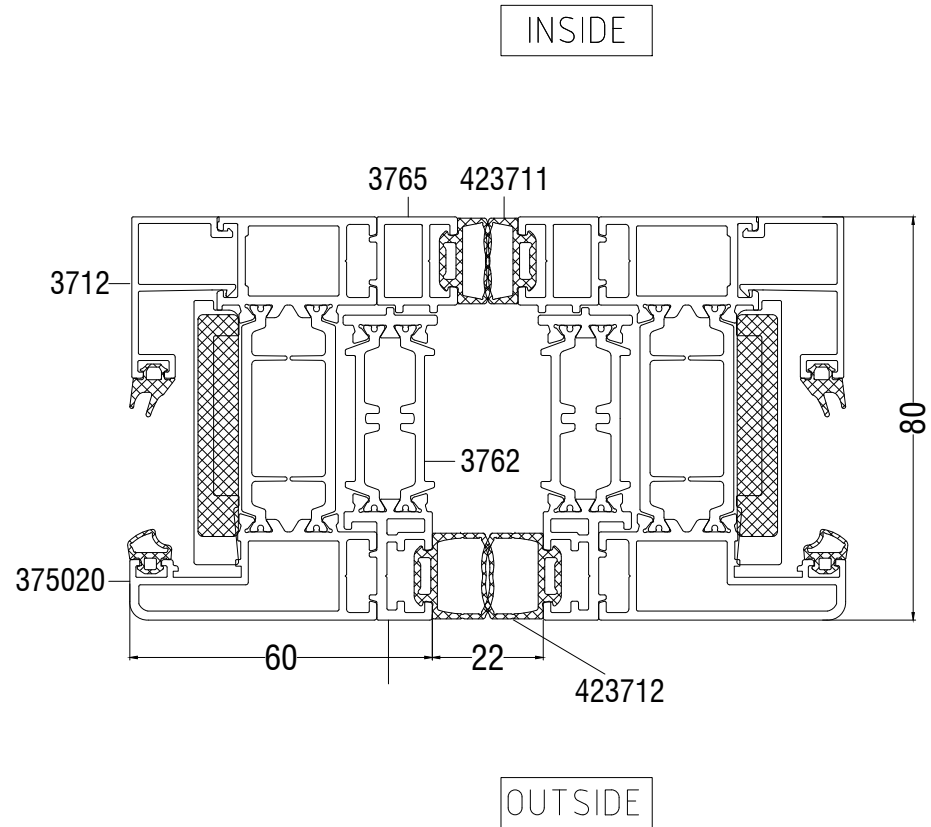
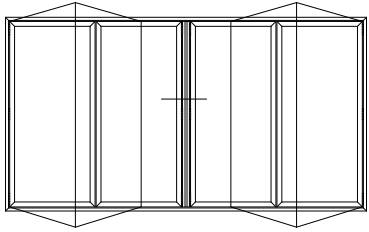
INSIDE



OUTSIDE

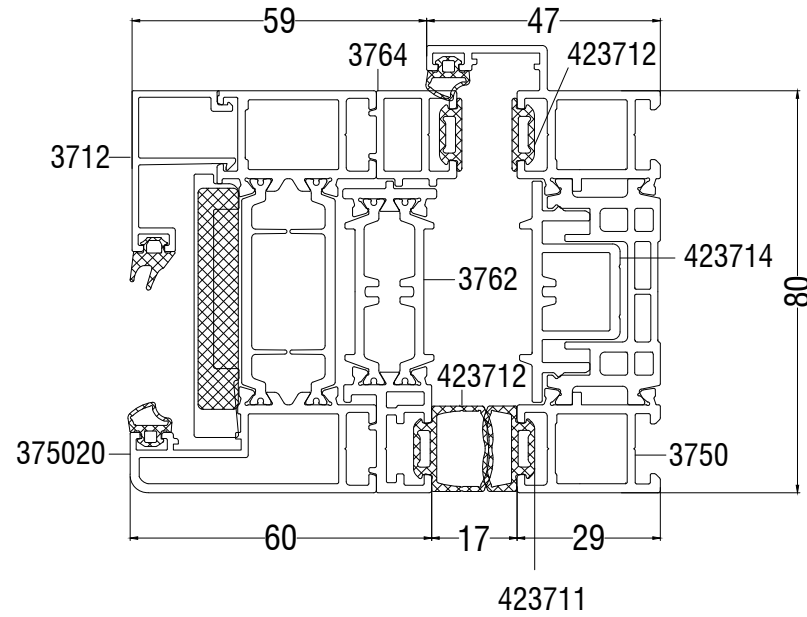
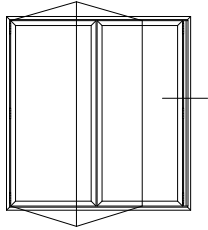
# UNIFOLD - Typical Sections

Meeting - Even To Even Open Out - No Traffic Door



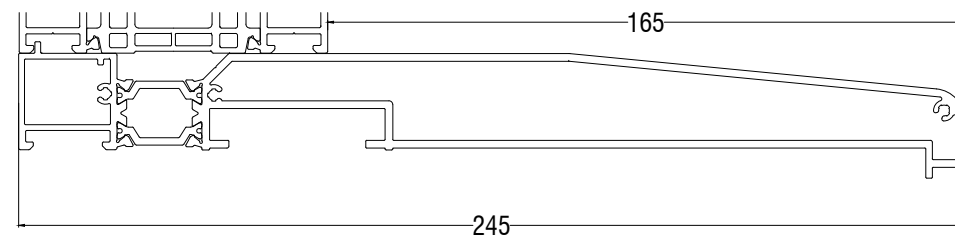
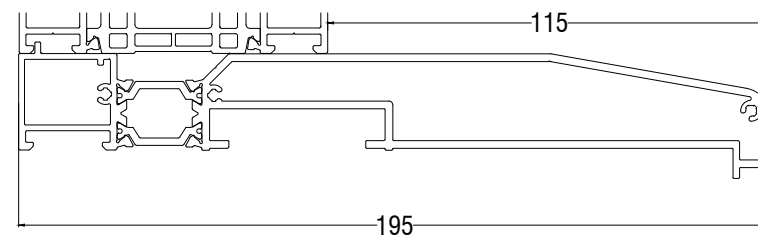
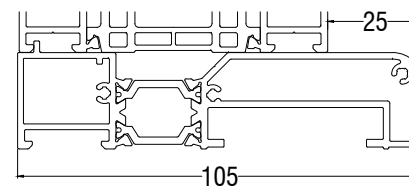
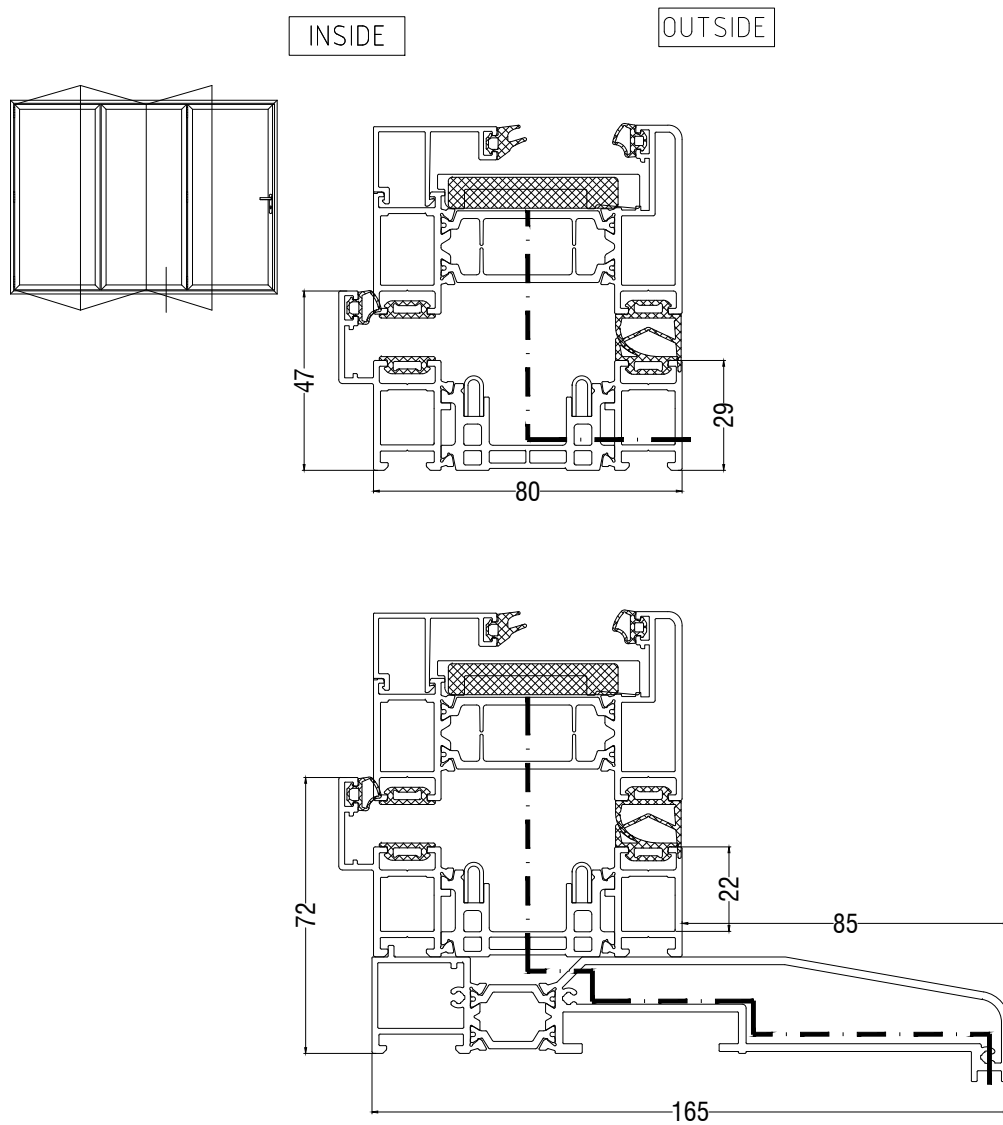
# UNIFOLD - Typical Sections

Jamb - Even Configuration - No Traffic Door



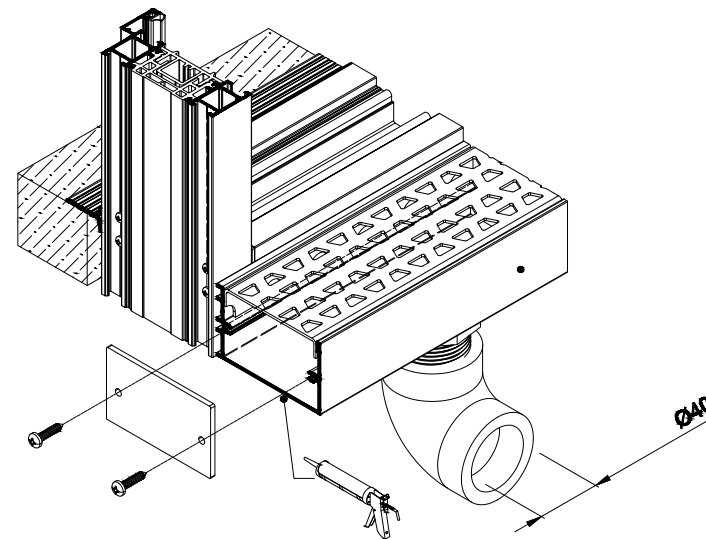
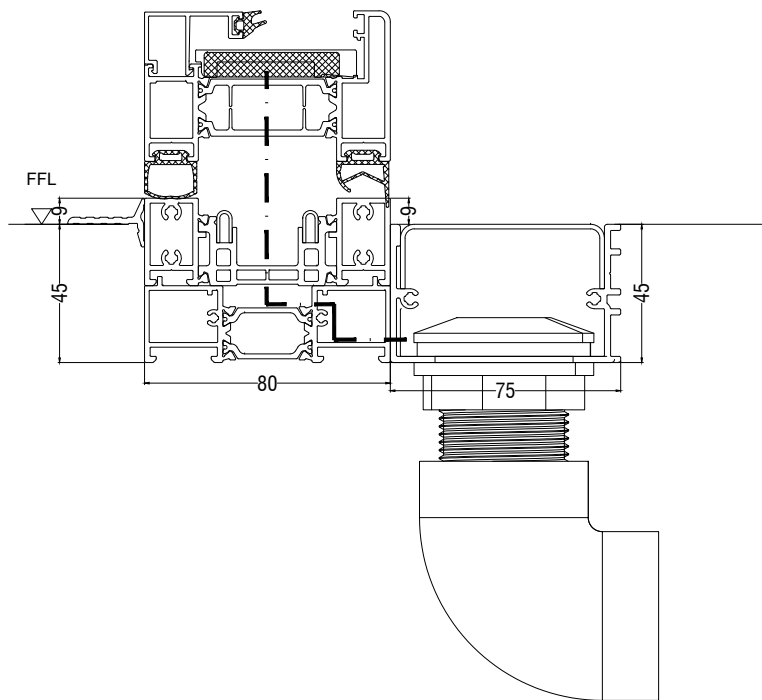
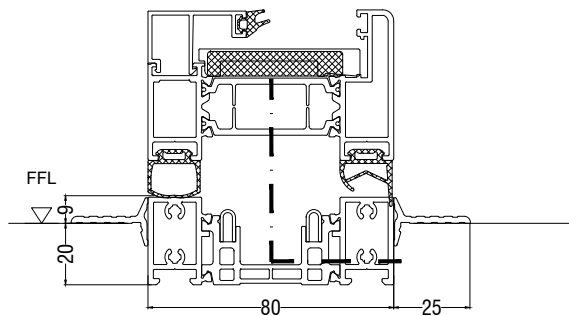
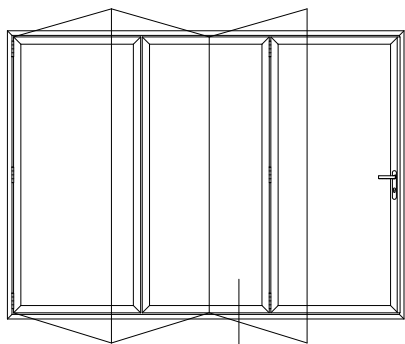
# UNIFOLD - Typical Sections

Threshold - Base detail Cil options



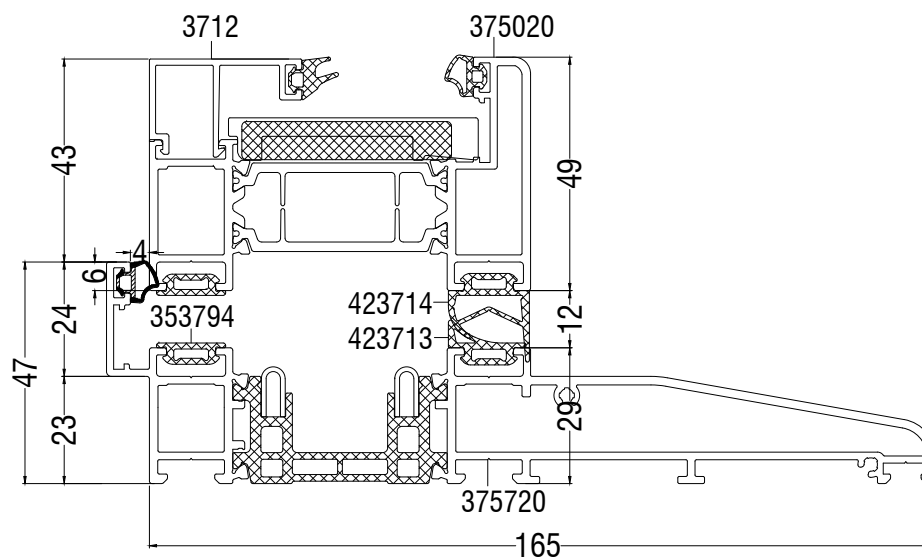
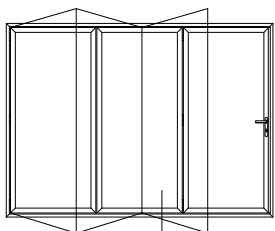
# UNIFOLD - Typical Sections

Threshold - Low threshold options



# UNIFOLD - Typical Sections

165mm Integrated Cill Open Out Only





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.

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