



Arkay Windows

TECHNICAL DOCUMENTS

Aluk F82 Bifold

F82 - Bifold Specifications



ALUK[®]

THE REFINED FOLDING SLIDING DOOR

A slim and elegant bi-fold door with thinner sightlines and an interlock of just **122mm**. The F82 system creates larger glazed panels without compromising on performance. Newly designed lever and flush T-handles complete the contemporary look. Aluk F82 bi-folding doors also offer HD compact slim stainless steel rollers as standard, allowing for a smooth movement whilst opening and closing and easy handling of weights up to an incredible 150KG per panel.

Slim 122mm glass-to-glass sightline

Redesigned flush pop-out handle

Heavy-duty stainless steel rollers as standard

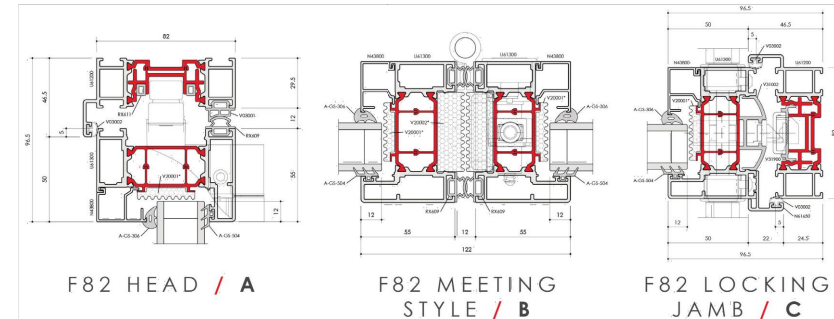
Can achieve PAS 24 / Secured by Design

Opening inward or outwards

Available in a wide range of finishes

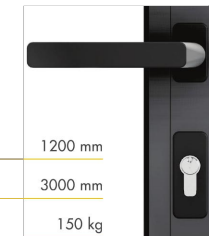
Matching single and double door option

Contemporary square appearance and beading



Size Limits

Maximum panel width	1200 mm
Maximum panel height	3000 mm
Maximum panel weight	150 kg



PERFORMANCE

U-VALUE	From 0.9 W/m ² ·K
AIR PERMEABILITY	Class 4
WATER TIGHTNESS	Class 9A
WIND RESISTANCE	Class 5
ENHANCED SECURITY	PAS24

FRAME DEPTH	82 mm
GLAZING THICKNESS	28-54 mm
GLAZING METHOD	Internally beaded
INTERLOCK SIGHTLINE	122 mm
FRAME / HEAD SIGHTLINE	97mm

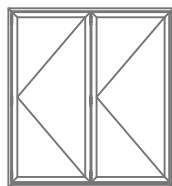
THRESHOLD HEIGHT

STANDARD	46.5 mm
STANDARD + CILL	71.5 mm
LOW	29.5 mm
LOW + CILL	54.5 mm

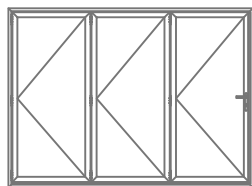
F82 - Contents

- 1.0 Typical Elevations
- 2.0 Standard Profiles
- 3.0 Typical Sections
 - 3.1 Threshold - Open Out
 - 3.2 Threshold - Low Threshold
 - 3.3 Threshold - Open In
 - 3.4 Low Threshold - Open In
 - 3.5 Head - Open Out
 - 3.6 Head - Open In
 - 3.7 Head - Trickle Vent + 20mm Add On
 - 3.8 Jamb - Hinged Open Out
 - 3.9 Jamb - Hinged Open In
 - 3.10 Interlock - T-Handle Open Out
 - 3.11 Interlock - T-Handle Open In
 - 3.12 Interlock - Bottom Roller Open Out
 - 3.13 Interlock - Bottom Roller Open In
 - 3.14 Meeting - Traffic to Even Open Out
 - 3.15 Jamb - Traffic Door Open Out
 - 3.16 Jamb - Traffic Door Open In
 - 3.17 Meeting - Traffic to Odd Open Out
 - 3.18 Meeting - Even to Even Open Out
 - 3.19 Jamb - Even Configuration
 - 3.20 Threshold - Cill Options

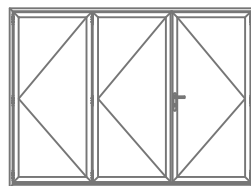
F82 - Typical Elevations



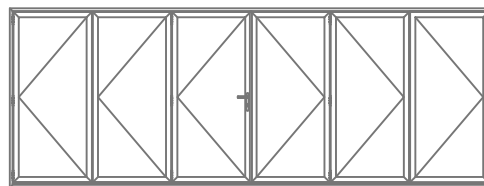
2 PANE - 220



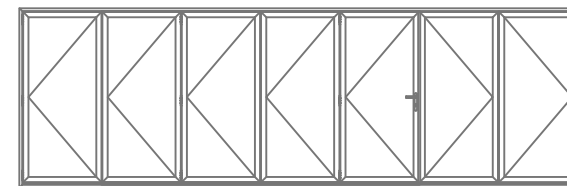
3 PANE - 330



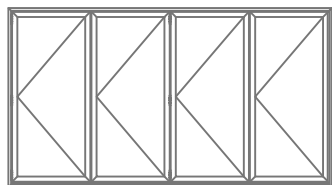
3 PANE - 321



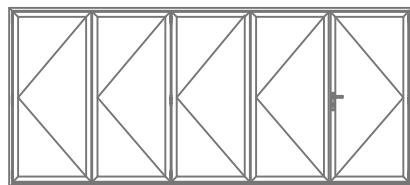
6 PANE - 633



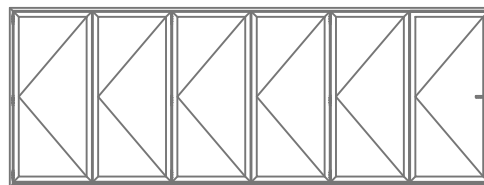
7 PANE - 752



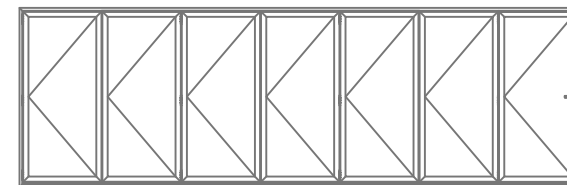
4 PANE - 440



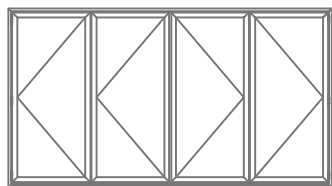
5 PANE - 541



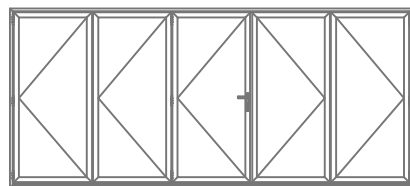
6 PANE - 660



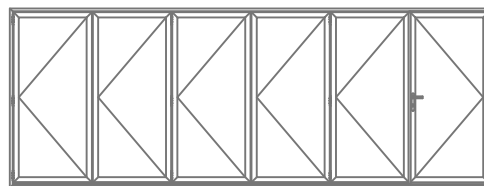
7 PANE - 770



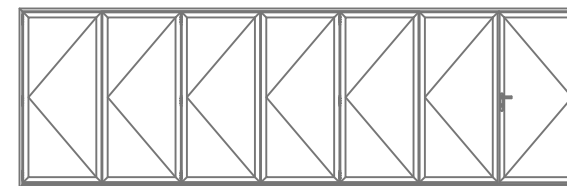
4 PANE - 422



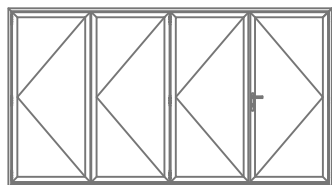
5 PANE - 532



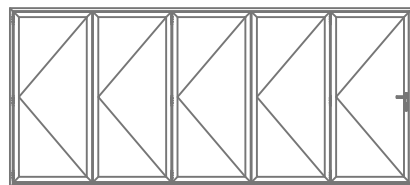
6 PANE - 651



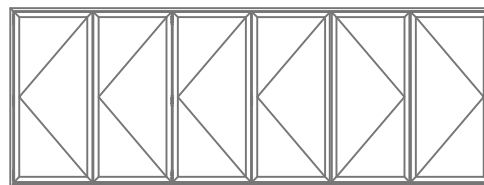
7 PANE - 761



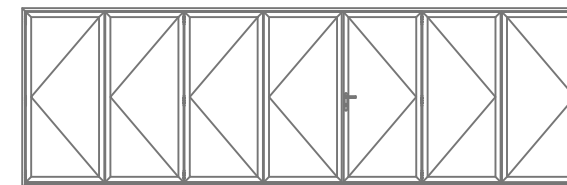
4 PANE - 431



5 PANE - 550



6 PANE - 642

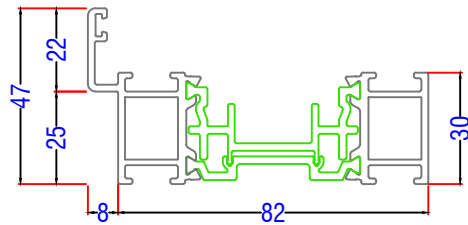


7 PANE - 743

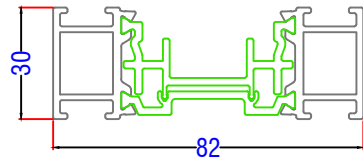
FLUSH THRESHOLD/ FRAME OPTION AVAILABLE

OPEN IN AND OPEN OUT CONFIGURATIONS AVAILABLE

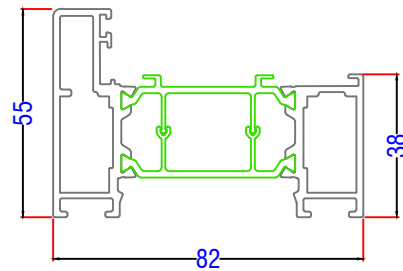
F82 - Standard Profiles



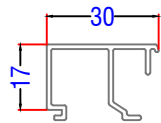
U61200 - F82 Outer Frame



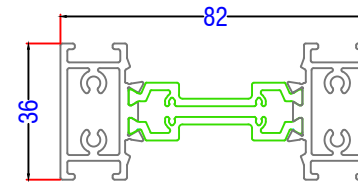
U61060 - Flush Outer Frame



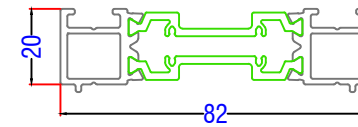
U61300 - F82 Sash



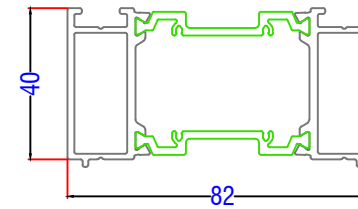
N43800 - F82 Glazing Bead (28mm Glass)



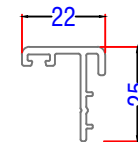
U61500 - Floating Mullion



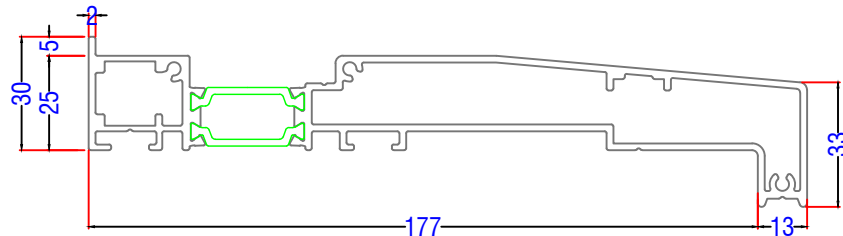
U61631 - F82 20mm Add On



U61634 - F82 40mm Add On



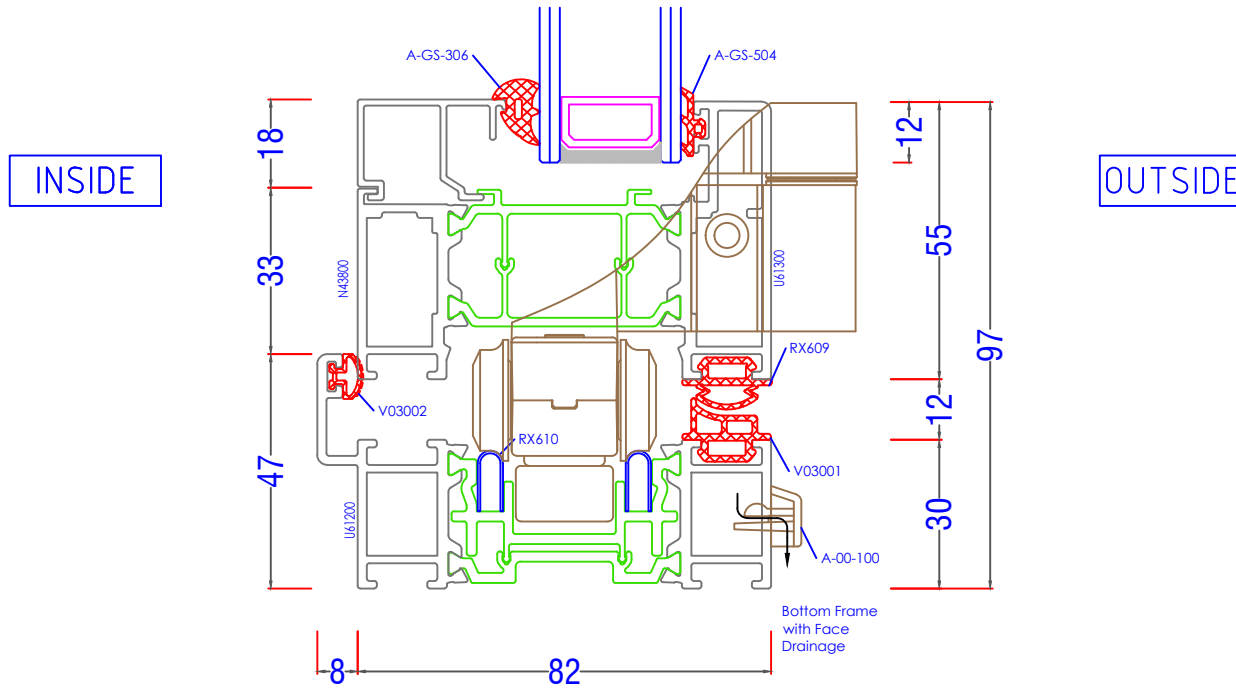
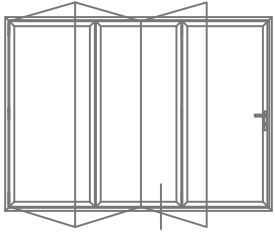
N61650 - F82 Rebate Adaptor



U61630 - F82 Cill 190mm

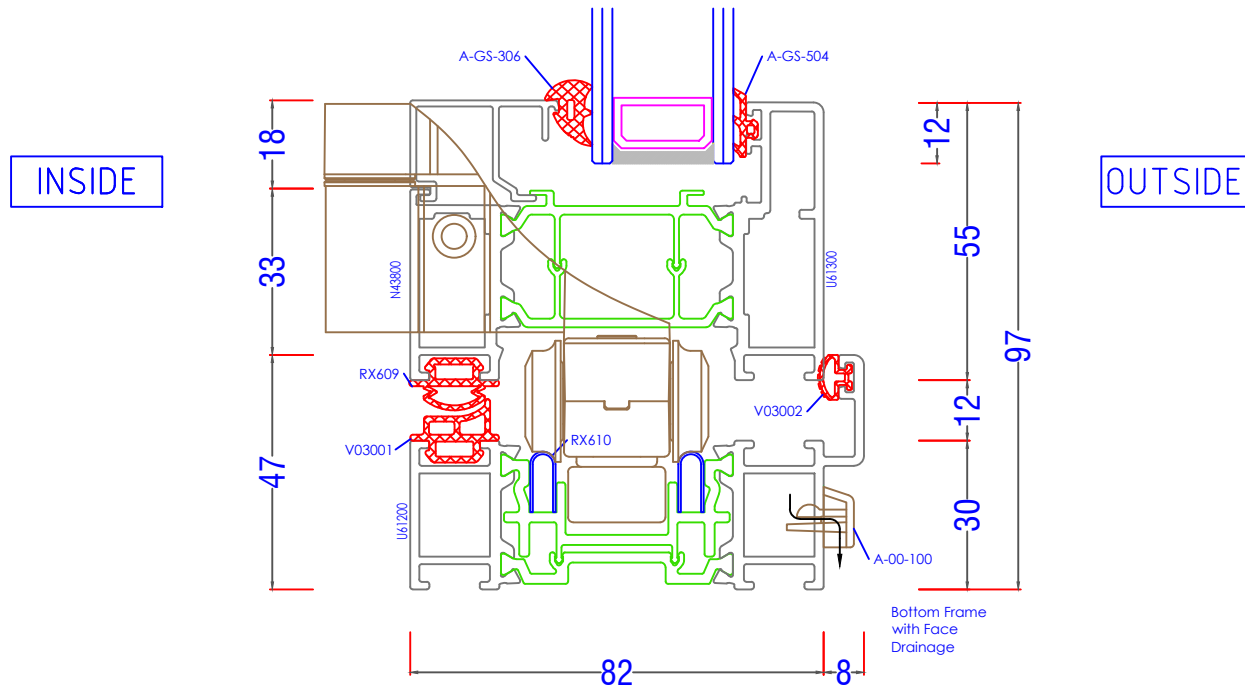
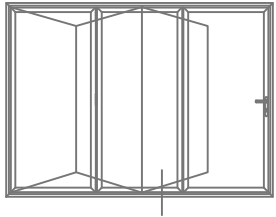
F82 - Typical Sections

Threshold - Open Out



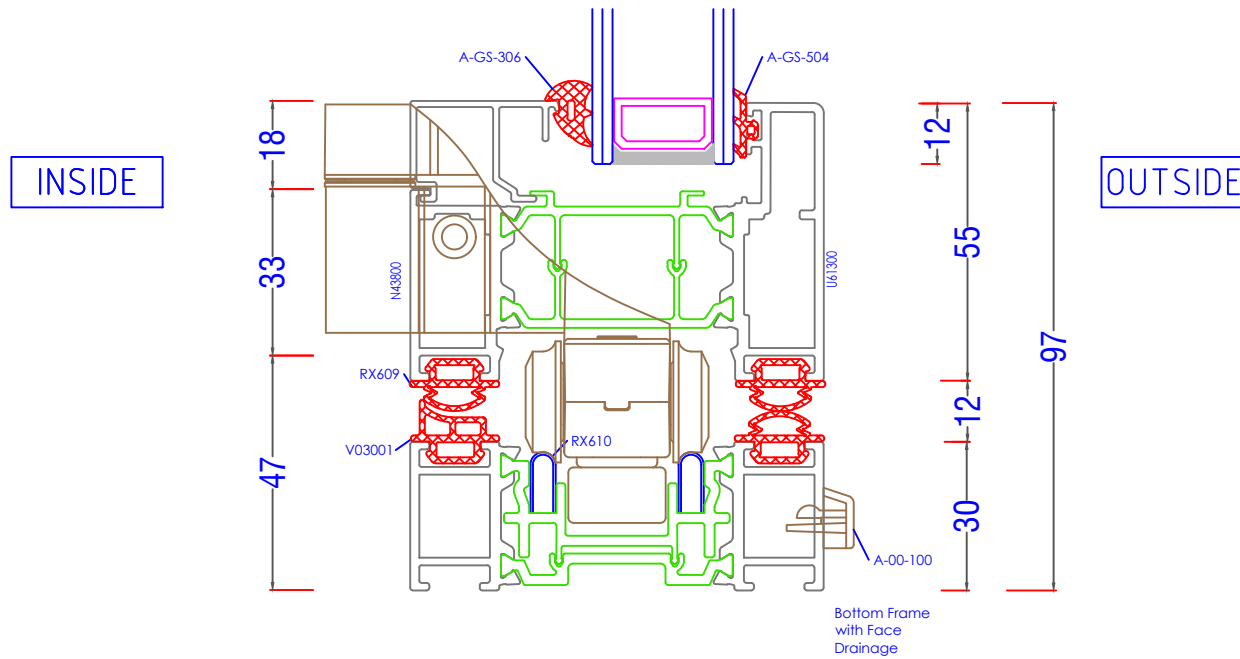
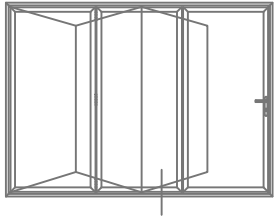
F82 - Typical Sections

Threshold - Open In



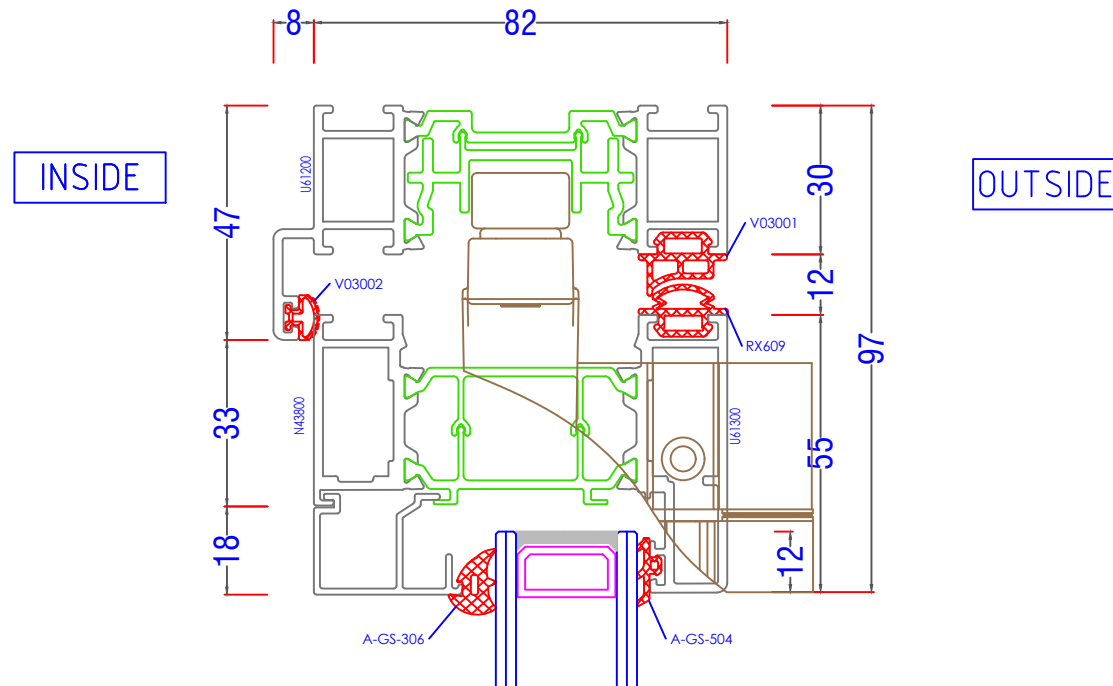
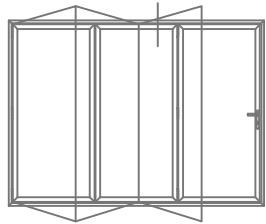
F82 - Typical Sections

Low-Threshold Open In



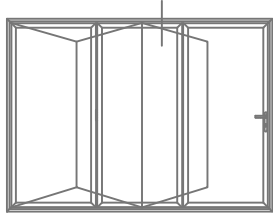
F82 - Typical Sections

Head - Open Out

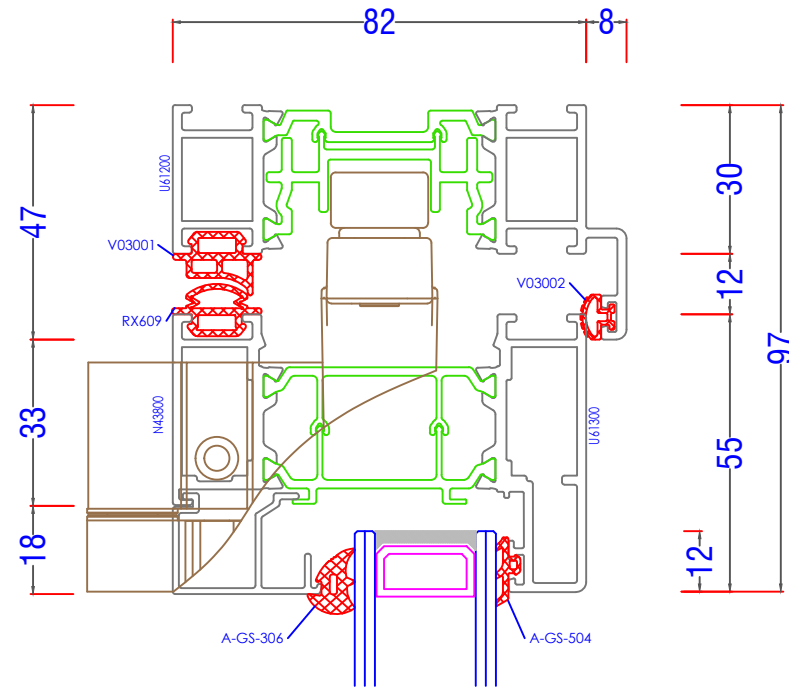


F82 - Typical Sections

Head - Open In



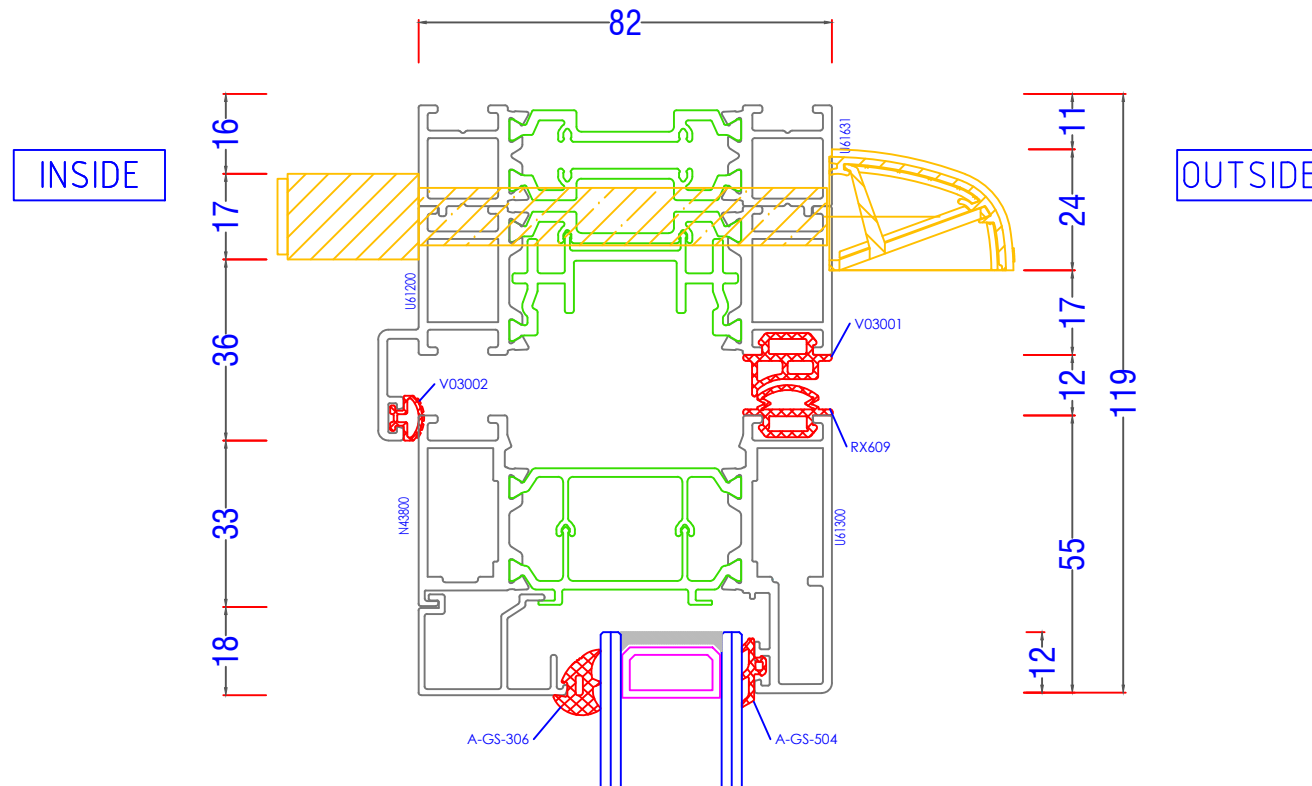
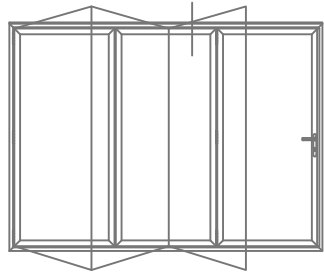
INSIDE



OUTSIDE

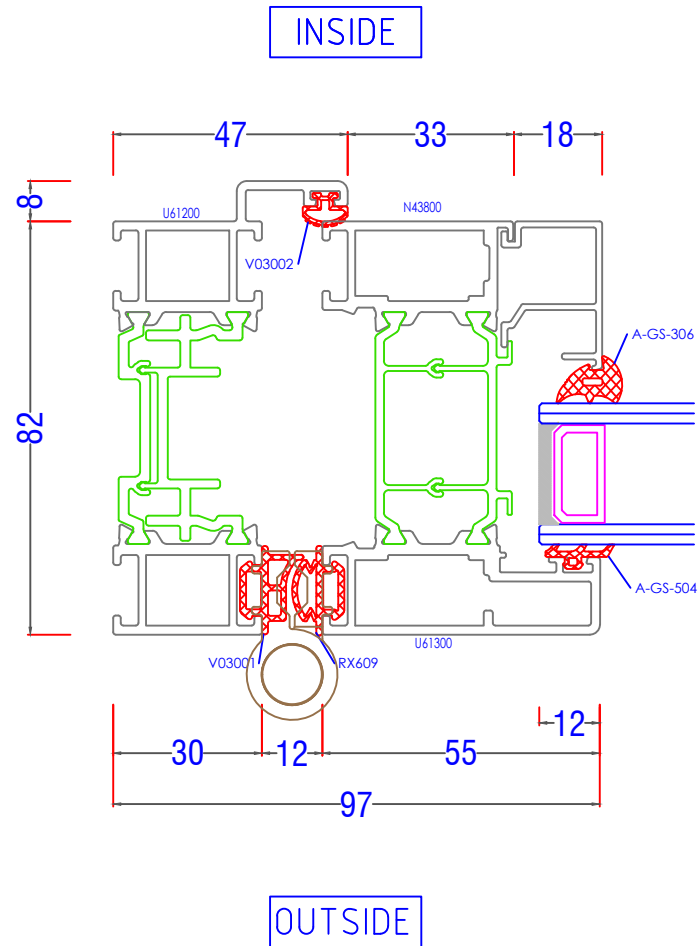
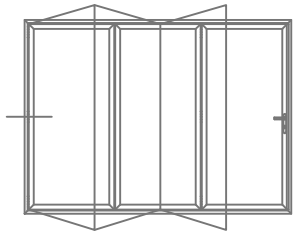
F82 - Typical Sections

Head- Open Out with 20mm extension and trickle vent



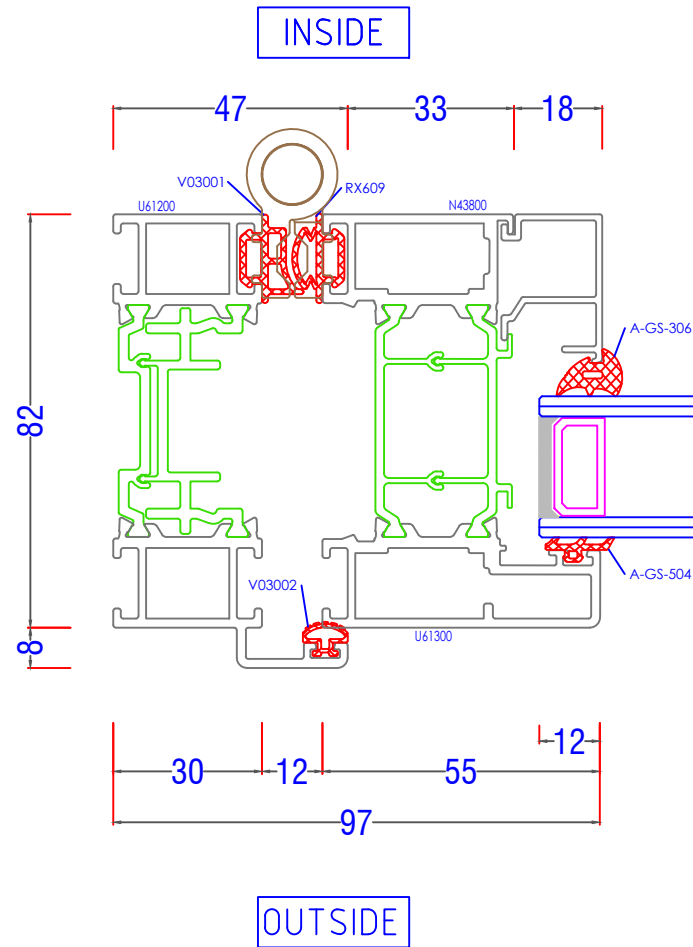
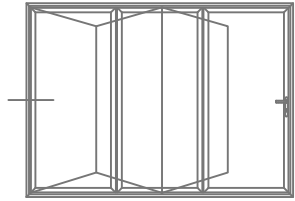
F82 - Typical Sections

Jamb - Hinged Open Out



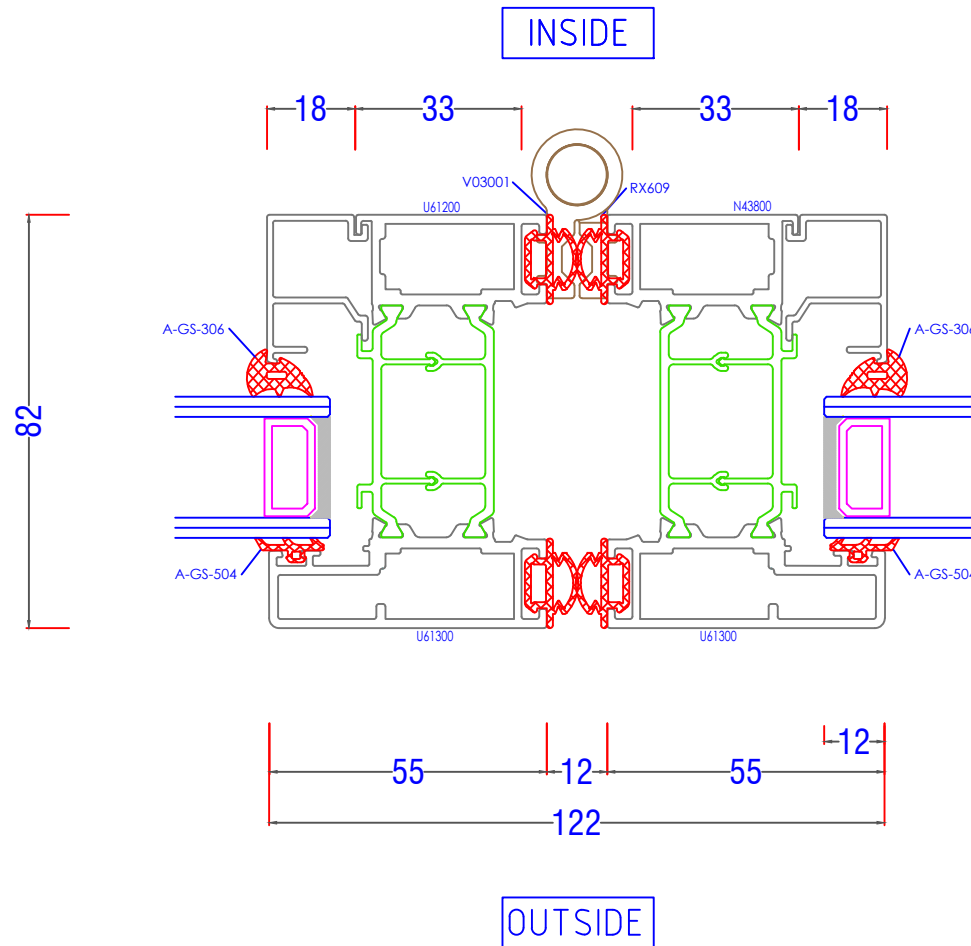
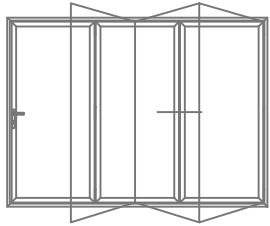
F82 - Typical Sections

Jamb Hinged - Open In



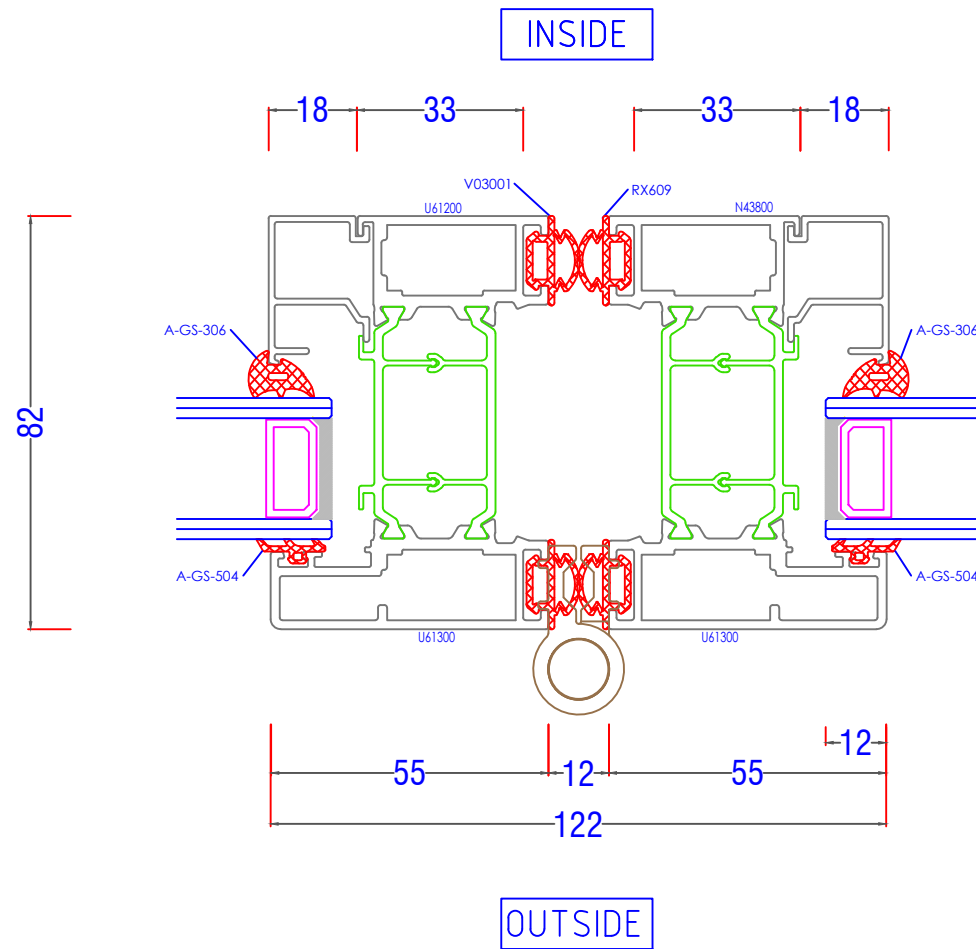
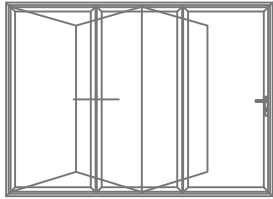
F82 - Typical Sections

Interlock - T-Handle Open Out



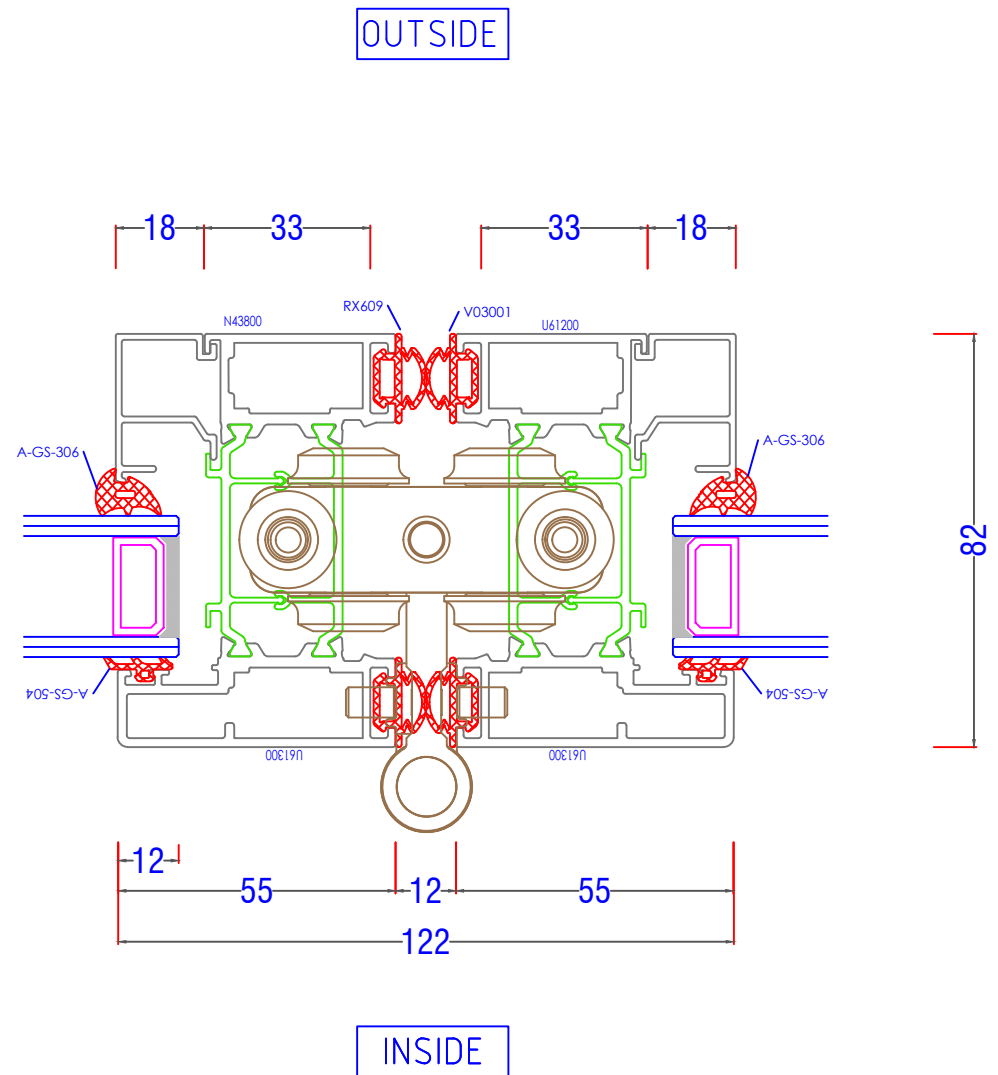
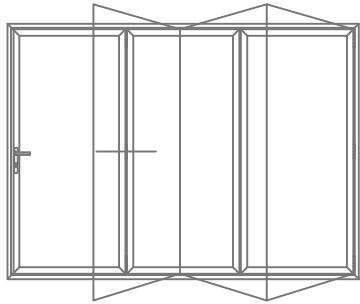
F82 - Typical Sections

Interlock - T-Handle Open In



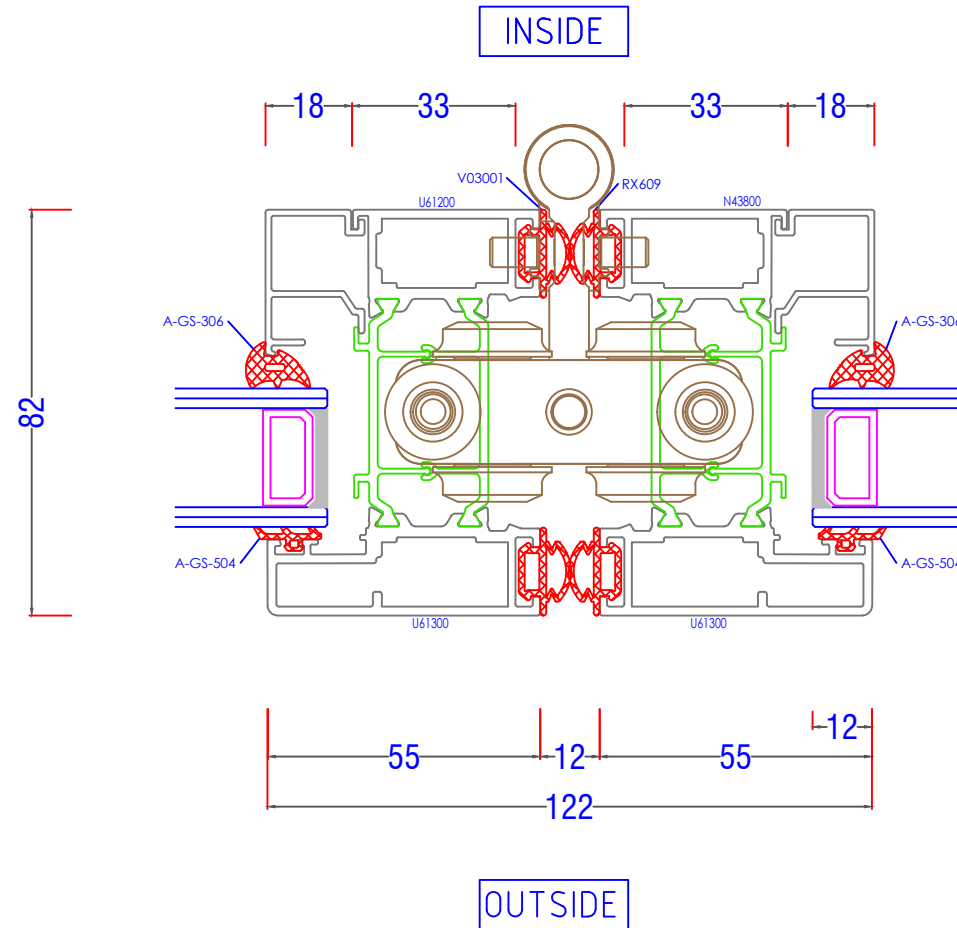
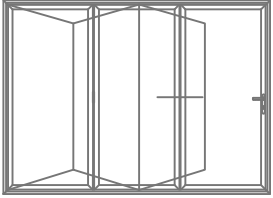
F82 - Typical Sections

Interlock - Bottom Roller Open Out



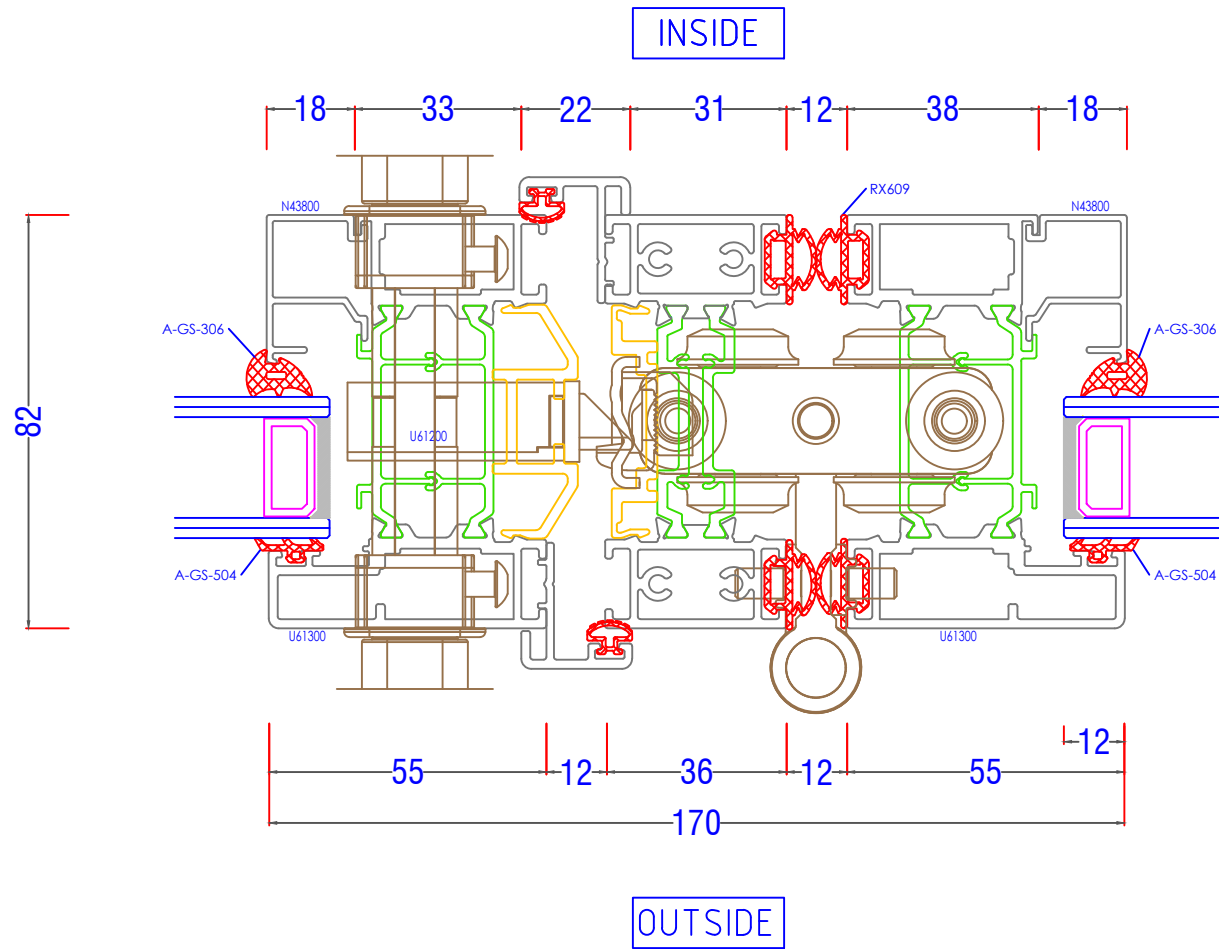
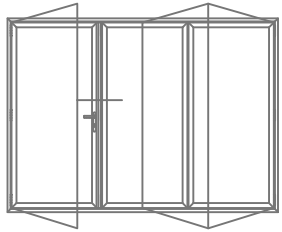
F82 - Typical Sections

Interlock - Bottom Roller Open Out



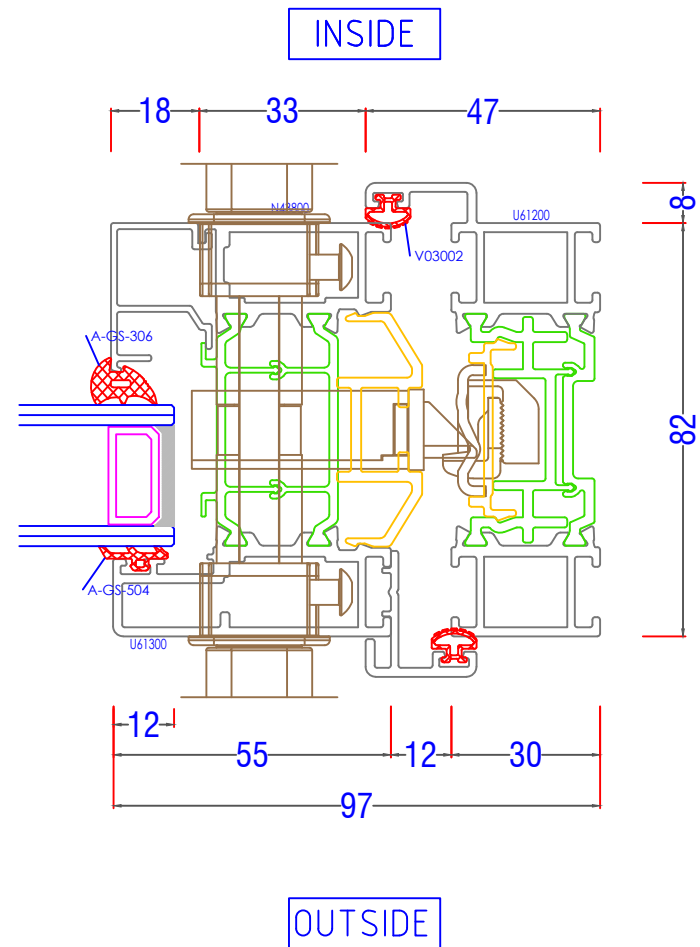
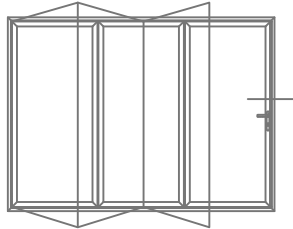
F82 - Typical Sections

Meeting - Traffic to Even Open Out



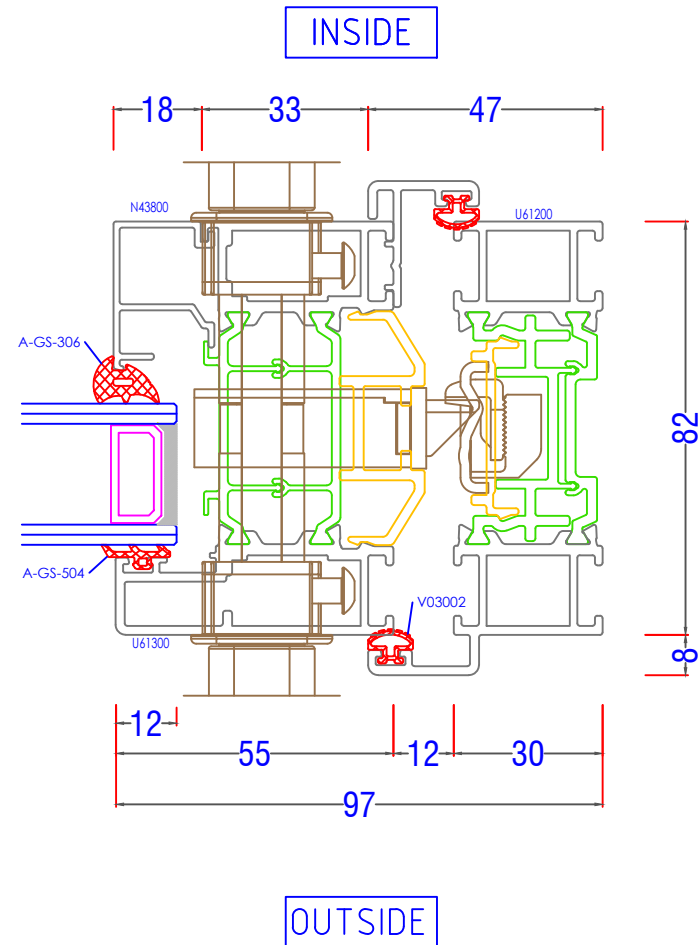
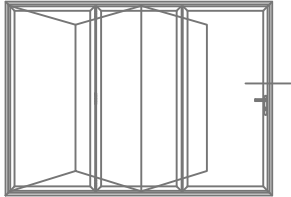
F82 - Typical Sections

Jamb - Traffic Door Open Out



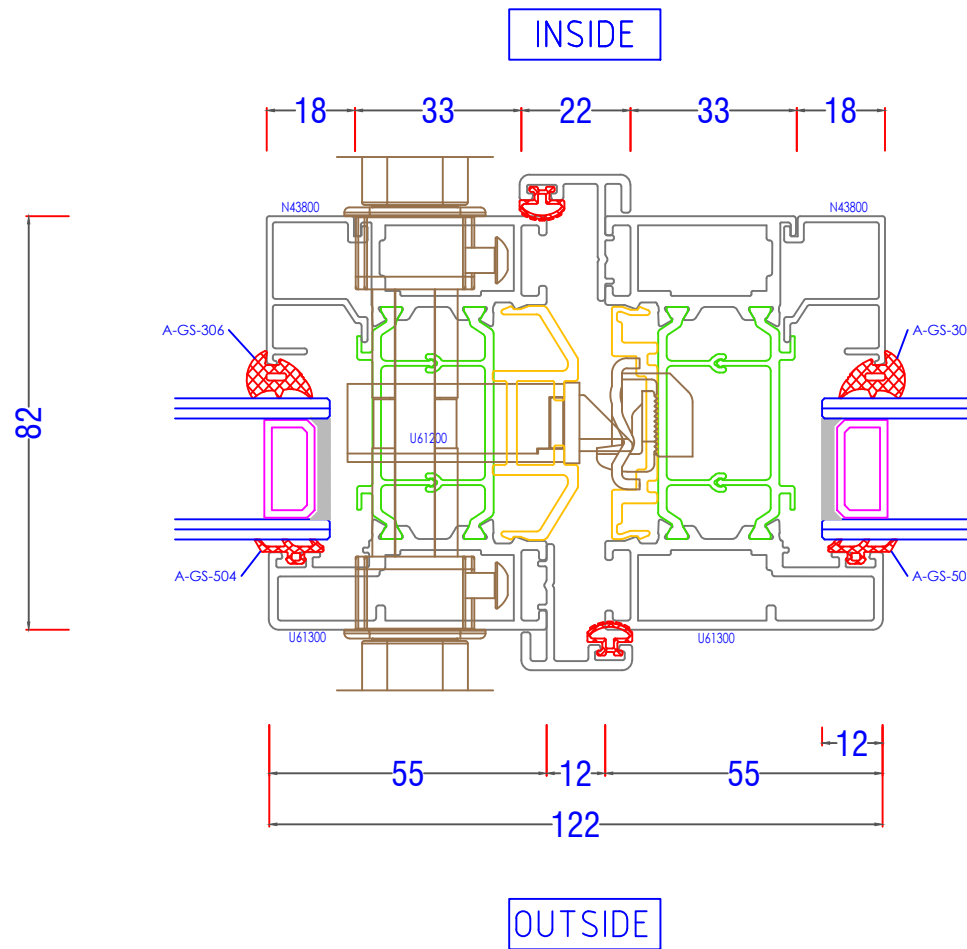
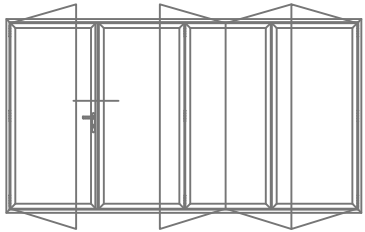
F82 - Typical Sections

Jamb - Traffic Door Open In



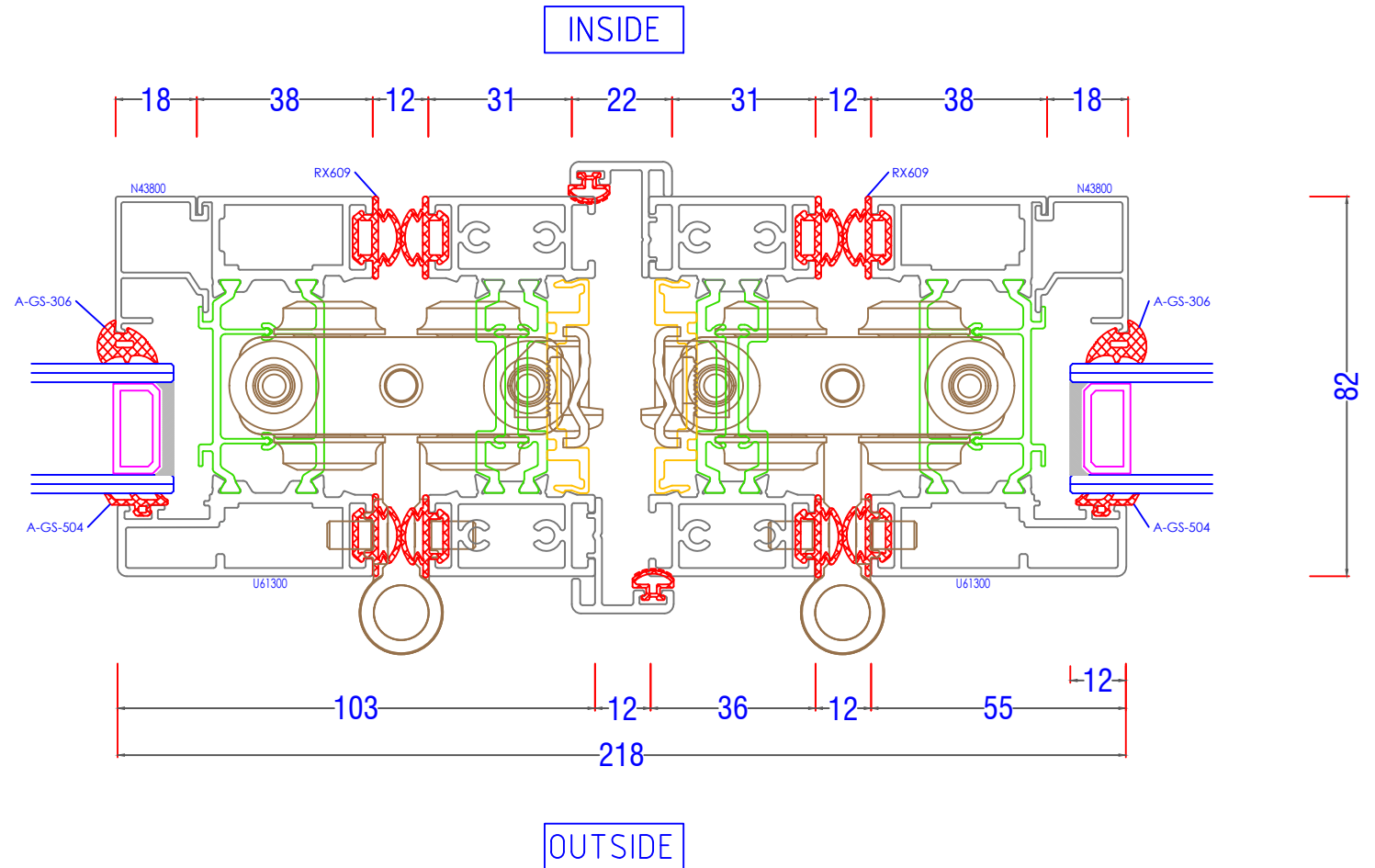
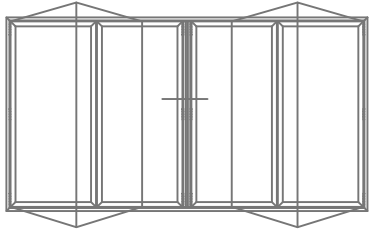
F82 - Typical Sections

Meeting - Traffic to Odd Open Out



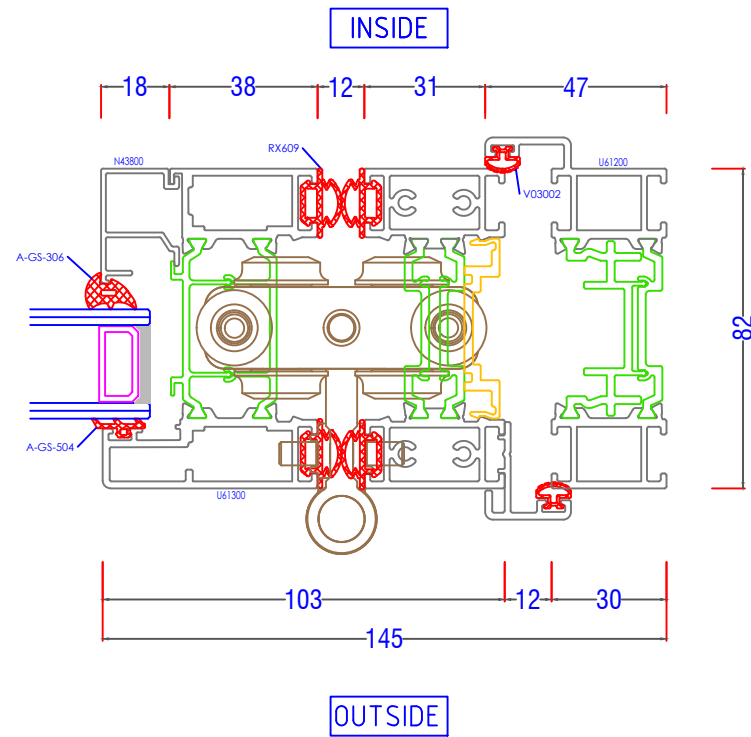
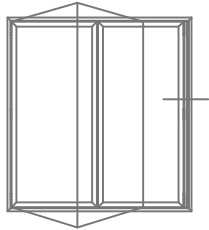
F82 - Typical Sections

Meeting - Even To Even Open Out- No Traffic Door



F82 - Typical Sections

Jamb - Even Configuration





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**

Watford: 01923 803923
London: 020 8889 6821

sales@arkaywindows.com
www.arkaywindows.com

