



F82 Folding Door System

The F82 Folding Door System puts high performance and security front of mind, offering a wide range of configurations to support the bespoke requirements of your project. Multiple doors can be combined with open-in or open-out options in a variety of styles to create a wide expanse of opening.

The system is fully PAS 24 and Secured By Design-accredited, making it Document Q compliant. The full frame and cill have been designed to create a slimmer, symmetrical frame of 97mm combined with a reduced interlock sightline of 122mm, providing larger glazing areas without compromising performance. Thermal U-Values of 1.0W/m²K (triple glazed) assist with meeting the latest energy efficiency requirements.

Other key design features include a flush pop-out handle and contemporary traffic door handles. The system also offers heavy-duty compact slim stainless-steel rollers as standard, allowing for a smoother movement when opening and closing.

DESIGN FEATURES

- Unique flush pop-out handle for ease of operation, removing the need for additional unsightly handles
- Unique traffic door handle
- Heavy-duty stainless steel compact rollers as standard
- Full symmetrical frame sightline of 97mm
- 122mm slimline interlock
- Low threshold
- Larger glazing area

OPTIONS

- Square bead
- Glazing sizing range of 28mm–44mm
- Available in a range of opening configurations
- Available in single or dual colour polyester powder coating, texture and anodised finishes
- All configurations available open-in and open-out



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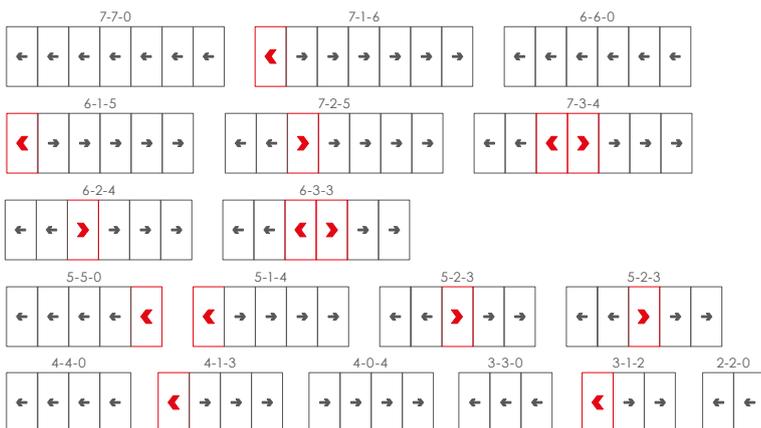
Experts in Aluminium

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SPECIFICATIONS

PERFORMANCE AND ACCREDITATIONS	
U-Value (Double Glazing) (Ug: 1.0 W/m²K)	1.3 W/m²K
U-Value (Triple Glazing) (Ug: 0.7 W/m²K)	1.0 W/m²K
Air Permeability (Standard Threshold)	Class 3 (600 Pa)
Water Tightness (Standard Threshold)	Class 5a (200 Pa)
Wind Resistance	Class 4A (1600 Pa)
Security	PAS 24 & SBD
SYSTEM	
Depth	82mm
CONFIGURATIONS	
Opening	Open-In & Open-Out
SIZE AND WEIGHT LIMITS	
Max Leaf Height	2600mm
Max Leaf Width	1200mm
Max Vent Weight	150kg
GLAZING	
Glazing Options	Internal Bead
Glazing Thickness	28mm - 44mm
SYSTEM FEATURES	
Single Colour	✓
Dual Colour	✓
Textured Finish	✓
Anodised Finish	✓
Multi-Point Locking	✓
Sightline (Head)	97mm
Sightline (Cill)	97mm
Sightline (Jamb)	97mm
Sightline (Meeting Stile)	122mm

CONFIGURATIONS



KEY



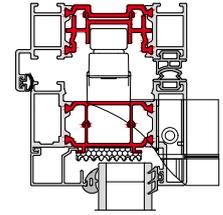
OTHER OPTIONS AVAILABLE



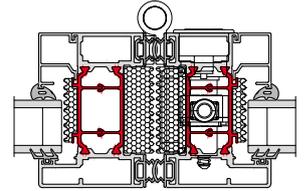
CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

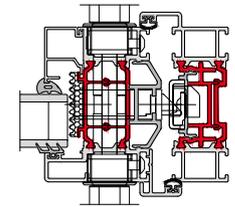
F82 Head



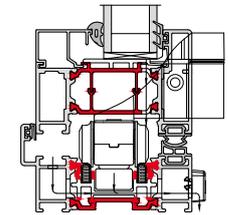
F82 Interlock



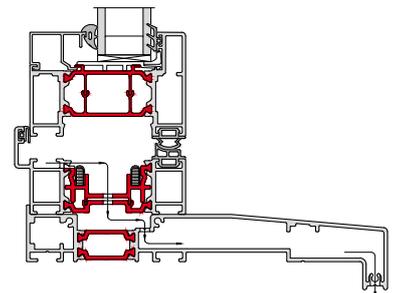
F82 Locking Jamb



F82 Face Drainage



F82 Cill



F82 Thermal Profile

