



Luminia

F82 bi-fold

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F82 bi-fold

A contemporary, stylish bi-folding door. With thinner sightlines and interlock of 122mm that provide larger glazing panels without compromising on performance. It also offers heavy duty compact slim stainless steel rollers as standard allowing for a smoother movement when opening and closing. And with the re-design of the flush pop-out handle form and function perfectly work in harmony.



PERFORMANCE AND ACCREDITATION

*U-value (double glazing)	1.3 W/m²K
†U-value (triple glazing) (Ug:0.5 W/m²K)	0.9 W/m²K
Air tightness (Pa) (standard threshold)	Class 4 (600pa)**
Water tightness (Pa) (standard threshold)	Class 9a (600pa)**
Wind load (Pa)	Class 5 (2000pa)**
Security	PAS 24**

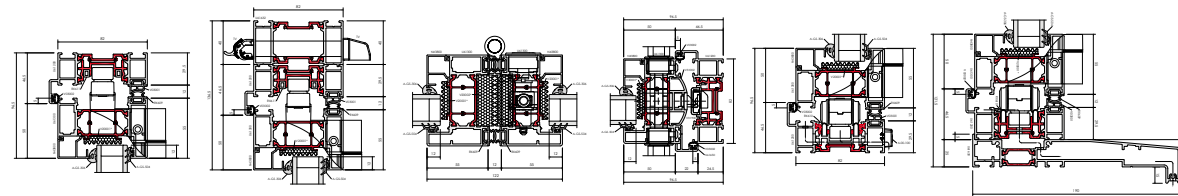
DESIGN DETAILS

Max vent weight	150Kg
Sightline (Head)	97mm
Sightline (Cill)	97mm
Sightline (Jamb)	97mm
Sightline (Meeting Stile)	122mm
Maximum leaf height	2500mm std > 3000*mm
Maximum leaf width	1200mm

SYSTEM FEATURES

Frame depth	82mm
Dual colour option	✓
Multi-point locking	✓
Glazing options	Internal and external beaded
Glazing thickness	28mm – 44mm

CAD CROSS SECTIONS



F82 HEAD / A

F82 HEAD WITH 40MM ADDON FOR TRICKLE VENT / A1

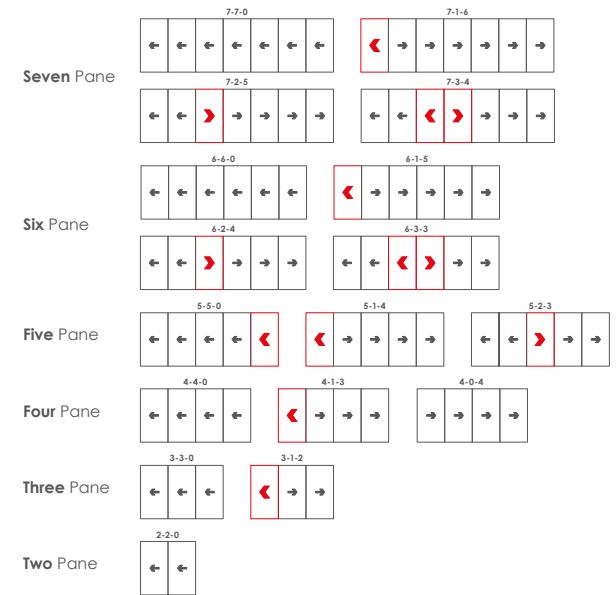
F82 MEETING STYLE / B

F82 LOCKING JAMB / C

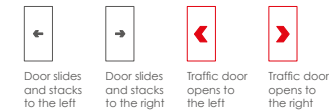
F82 WITH FACE DRAINAGE / D1

F82 CILL AND SUBCILL / D

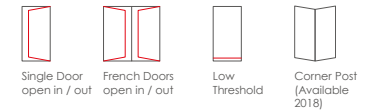
F82 CONFIGURATIONS



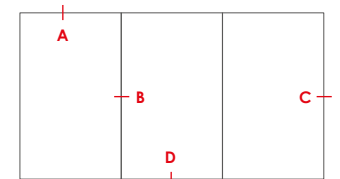
KEY



OTHER OPTIONS AVAILABLE



CROSS SECTION ELEVATION



DESIGN FEATURES

- Unique flush pop-out handle for ease of operation, removing the need for additional unsightly handles
- Unique traffic door handle
- Heavy duty compact rollers as standard
- Both frame and cill sightlines of 97mm
- 122mm Slimline interlock
- Low threshold
- Larger glazing area

OPTIONS

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

*Awaiting certification.
** Please contact Technical Services for more information.

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*Folding Doors are calculated using EN ISO 10077 - Part 2, 3000mm x 2180mm, 3-3-0 Door with Ug: 1.0 W/m²K (double glazed) / 0.5 W/m²K (triple glazed).