



**BSF70 FOLDING DOOR SYSTEM**

Versatile and flexible, the market leading BSF70 aluminium folding door system is available in a wide range of configurations to create the look you desire. 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 narrow profile ensures that maximum glazing is achieved, flooding rooms with light.

**DESIGN FEATURES**

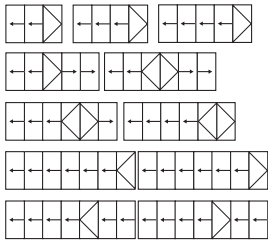
- Internally beaded with a softline or square detail to all external doors and panels
- Chamfered and square bead options
- Four stainless steel wheels ensures smooth and consistent operation
- Unique, flush line pop-out handle that allows maximum door opening and square stacking panels
- Low threshold option which can be configured to achieve DDA and Part M compliance
- Certified under Secured by Design scheme

**OPTIONS**

- Doors and panels can be used in a variety of configurations, style and design
- All configurations are available in both open-in and open-out options
- Full range of bespoke hardware available
- Glazing sizing range of 28mm – 44mm
- Available in single or dual colour option, polyester powder coating and anodised finishes

**CONFIGURATIONS**

The BSF70 folding door system is available in a wide range of configurations as demonstrated below. Panels can be stacked inside or outside, to the left or right, or split stacked on both sides.



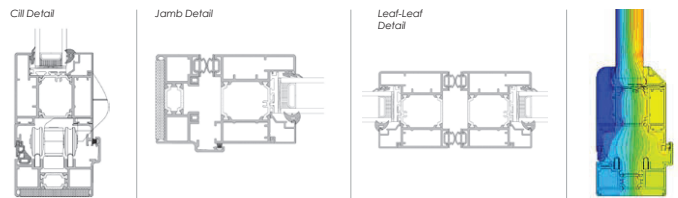
**BSF70 FOLDING DOOR SYSTEM TECHNICAL SPECIFICATIONS**

Combining high security hinges and locking mechanisms with a unique high strength roller designs, the BSF70 aluminium folding door system provides the security and reliability demanded in high traffic applications. Doors can be manufactured to replace

whole walls and a full range of colours are available, including single or dual aspect. Anodised finishes are also available with marine grade guarantees on request.

SPECIFICATIONS	FOLDING SLIDING	SINGLE & DOUBLE DOOR
<b>Performance &amp; Accreditation</b>		
U-Value (Double Glazing)*	1.7 W/m <sup>2</sup> K	1.8 W/m <sup>2</sup> K
U-Value (Triple Glazing)**	1.4 W/m <sup>2</sup> K	1.4 W/m <sup>2</sup> K
Green Guide Rating	A Rated	A Rated
Acoustic Performance (dB)	Rw (C,Ctr) 36 (-1;-3) dB	Rw (C,Ctr) 34 (-1;-3) dB
Air Tightness (Pa)	Class 4	Class 4
Water Tightness (Pa)	Class 7a	Class 7a
Wind Load (Pa)	Class E2400	Class E2400
Security	PAS 24	PAS 24
<b>Configurations</b>		
Opening	Open In & Open Out	Open In & Open Out
2:0-0	●	●
3:0-0	●	●
3:2-1	●	●
4:4-0	●	●
4:2-2	●	●
4:3-1	●	●
5:5-0	●	●
5:3-2	●	●
5:4-1	●	●
6:6-0	●	●
6:3-3	●	●
4:4-2	●	●
4:5-1	●	●
7:7-0	●	●
7:4-3	●	●
7:5-2	●	●
7:4-1	●	●
<b>Size Limits</b>		
Max. Vent Weight	100 Kg	100 Kg
<b>System Features</b>		
Frame Options	70mm	94mm 70mm
Dual Colour Option	●	●
Multi-Point Locking	●	●
Glazing Options	Internal	Internal
Glazing Thickness	24mm-44mm	24mm-44mm

**CAD CROSS SECTION AND THERMAL PROFILE**



\* Door U-Values based on CEN size ≤ 3600mm<sup>2</sup> using 1.2 W/m<sup>2</sup>K double glazing with warm edge Swispace V bar. \*\* U-Values based on CEN size ≤ 3600mm<sup>2</sup> triple glazing with warm edge Swispace V bar. All weather test data taken from BS EN 6375-1 (Part of Part 2) based upon highest performing door configuration. Sound insulation values are Rw reduction values and are based on tests using acoustic glazing.

Please note: NBS Specifications are available for all products and BIM Components for many. Please visit [www.aluk.co.uk](http://www.aluk.co.uk) to download CAD files, BIM Components and NBS Specifications.