

BSF70 HI Bifold Door System



The BSF70 HI Folding Door System gives maximum control over the style and operation of the doors. Multiple panels can be added to accommodate the unique design specifications of the building, with the option to open-in or out as required. The system's narrow profile ensures that maximum glazing is achieved, flooding spaces with natural light.

In addition to the inherent strength of aluminium, the BSF70 HI combines security hinges and locking mechanisms with a unique heavy-duty roller design to provide the security and reliability demanded in high traffic applications. The system also incorporates a pop out T-handle design that allows for square flush stacking panels when doors are fully open.

DESIGN FEATURES

- › Internally beaded with a softline or square detail to all external doors and panels
- › Four stainless steel wheels ensures smooth and consistent operation
- › Unique, flush line pop out T-handle that allows maximum door opening and square stacking of panels
- › Tested to PAS 24 and certified under the Secured By Design scheme
- › Integrated frame cill available
- › Adjustable rollers
- › Folding corner option for open-out

OPTIONS

- › Standard adjustable rollers and heavy duty rollers
- › Integrated Cill
- › Chamfered and square bead options
- › Low threshold option that can be configured to achieve DDA and Part M compliance
- › 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
- › Lift & Turn handle or pop out T-handle available
- › Glazing sizing range of 24mm-40mm
- › Available in single or dual colour polyester powder coating, texture and anodised finishes
- › **QUIKCLIP™** bead available with 28mm glazing

SPECIFICATIONS

Performance and accreditations	BSF70 HI	BSF70 HD HI
U-Value (Double Glazing) (Ug: 1.0 W/m²K)	1.4 W/m²K	1.4 W/m²K
U-Value (Triple Glazing) (Ug: 0.7 W/m²K)	1.1 W/m²K	1.1 W/m²K
Air Permeability (Standard Threshold)	Class 4 (600 Pa)	Class 4 (600 Pa)
Water Tightness (Standard Threshold)	Class 9a (600 Pa)	Class 9a (600 Pa)
Wind Resistance	Class AE2400 (2400 Pa)	Class AE2400 (2400 Pa)
Security	PAS 24 & SBD	PAS 24 & SBD
Cycle Testing	50,000	50,000
3rd Party Certification Q-Mark	✓	✓

System

Depth	70mm	70mm
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Configurations

Opening	Open-In & Open-Out	Open-In & Open-Out
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Size and weight limits

Max Leaf Height	2400mm std/3000**mm	2400mm std/3000**mm
Max Leaf Width	1200mm	1200mm
Max Vent Weight	100kg	130kg

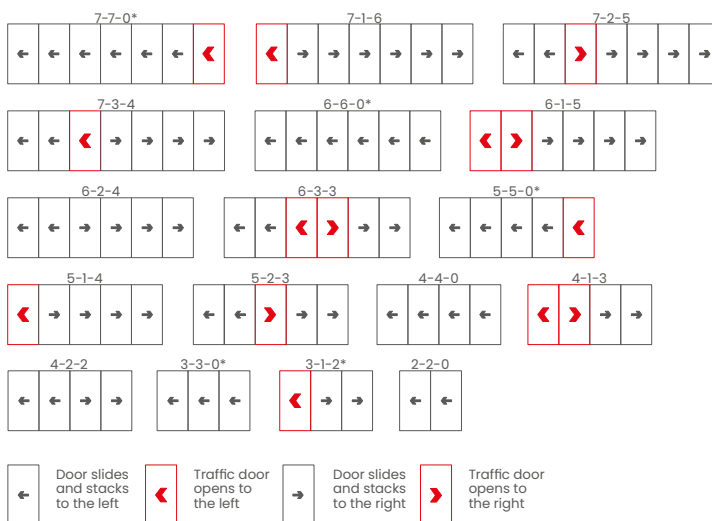
Glazing

Glazing Options	Internal Bead	Internal Bead
Glazing Thickness	24mm-40mm	24mm-40mm

System Features

Low Threshold	✓	✓
Quik Clip bead	✓	✓
Single Colour	✓	✓
Dual Colour	✓	✓
Textured Finish	✓	✓
Anodised Finish	✓	✓
Multi-Point Locking	✓	✓
Sightline (Head)	110mm	110mm
Sightline (Cill)	130mm	130mm
Sightline (Jamb)	110mm	110mm
Sightline (Meeting Stile)	140mm	140mm

CONFIGURATIONS



OTHER OPTIONS AVAILABLE



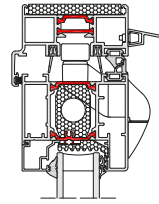
*Opposite handling available on all configurations. For more options, refer to the Technical Manual.

**The maximum height and panel width for the BSF70 HI Folding Sliding Door System are co-dependent and dictated by hardware limitation and the design wind load where the doors are being installed. Based on the site design wind load that the doors are subjected to this will influence the maximum height and width [per panel] to which the doors can be manufactured.

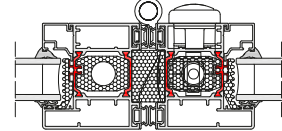
CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

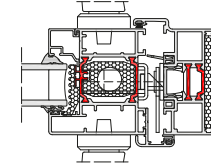
➤ BSF70 HI HEAD



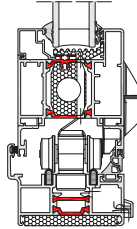
➤ BSF70 HI INTERLOCK



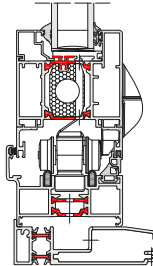
➤ BSF70 HI LOCKING JAMB



➤ BSF70 HI CILL



➤ BSF70 HI SUBCILL



➤ BSF70 HI THERMAL PROFILE

