BSF70 HI Bifold Door System



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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

OPTIONS

- > Heavy-duty roller options
- > 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



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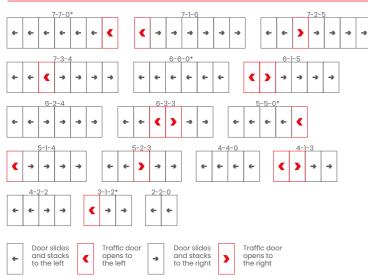
AluK (GB) Limited Newhouse Farm Ind Est Chepstow NP16 6UD AluK Design Studio 5-11 Worship Street London EC2A 2BH +44 (0)1291 639 739

SPECIFICATIONS

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 8 4 (600 Pa) Class A E2400 (2400 Pa) Wind Resistance Class A E2400 (2400 Pa) Class A E2400 (2400 Pa) Security PAS 24 & SBD PAS 24 & SBD Cycle Testing 50,000 50,000 3rd Party Certification Q-Mark ✓ ✓ System	Performance and accreditations	BSF70 HI	BSF70 HD HI
Air Permeability (Standard Threshold) Class 4 (600 Pa) Class 4 (600 Pa) Water Tightness (Standard Threshold) Class 9a (600 Pa) Class A 600 Pa) Wind Resistance Class A E2400 (2400 Pa) Class A E2400 (2400 Pa) Security PAS 24 & SBD PAS 24 & SBD Security PAS 24 & SBD PAS 24 & SBD Cycle Testing 50,000 50,000 3rd Party Certification Q-Mark ✓ ✓ System	U-Value (Double Glazing) (Ug: 1.0 W/m²K)		
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Vind 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 Configurations Øpen-In & Open-Out Open-In & Open-Out Size and weight limits Øpen-In & Open-Out Open-In & Open-Out Max Leaf Height 2400mm std/3000**mm 2400mm std/3000**mm Max Leaf Height 100kg 130kg Glazing Options Internal Bead Internal Bead Glazing Options Internal Bead Internal Bead Glazing Thickness 24mm-40mm 24mm-40mm System Features ✓ ✓ Single Colour ✓ ✓ Anodised Finish ✓ ✓ Anodised Finish ✓ ✓ Sightline (Head) 110mm 110mm Sightline (Cill) 130mm 130mm	Air Permeability (Standard Threshold)	Class 4 (600 Pa)	Class 4 (600 Pa)
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Cycle Testing 50,000 50,000 System ✓ ✓ Depth 70mm 70mm Configurations ✓ ✓ Opening Open-In & Open-Out Open-In & Open-Out Size and weight limits ✓ ✓ Max Leaf Height 2400mm std/3000**mm 2400mm std/3000**m Max Leaf Width 1200mm 1200mm Max Leaf Weight 100kg 130kg Glazing ✓ ✓ Glazing Options Internal Bead Internal Bead Glazing Thickness 24mm-40mm 24mm-40mm System Features ✓ ✓ Single Colour ✓ ✓ MaxUerd Finish ✓ ✓ Anodised Finish ✓ ✓ Multi-Point Locking ✓ ✓ Sightline (Head) 110mm 110mm	Wind Resistance	Class AE2400 (2400 Pa)	Class AE2400 (2400 Pc
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Max Leaf Width1200mm1200mmMax Leaf Width100kg130kgGlazing100kg130kgGlazing OptionsInternal BeadInternal BeadGlazing Thickness24mm-40mm24mm-40mmSystem Features✓✓Single Colour✓✓Dual Colour✓✓Textured Finish✓✓Multi-Point Locking✓✓Sightline (Head)110mm130mmSightline (Cill)130mm130mm	Size and weight limits		
Max Vent Weight 100kg 130kg Glazing Glazing Options Internal Bead Internal Bead Glazing Thickness 24mm-40mm 24mm-40mm System Features 24mm-40mm 24mm-40mm Single Colour ✓ ✓ Dual Colour ✓ ✓ Textured Finish ✓ ✓ Multi-Point Locking ✓ ✓ Sightline (Head) 110mm 130mm Sightline (Cill) 130mm 130mm	Max Leaf Height	2400mm std/3000**mm	2400mm std/3000**m
Glazing Internal Bead Internal Bead Glazing Options Internal Bead Internal Bead Glazing Thickness 24mm-40mm 24mm-40mm System Features V V Single Colour ✓ ✓ Dual Colour ✓ ✓ Textured Finish ✓ ✓ Anodised Finish ✓ ✓ Sightline (Lead) 110mm 110mm Sightline (Cill) 130mm 130mm	Max Leaf Width	1200mm	1200mm
Glazing Options Internal Bead Internal Bead Glazing Thickness 24mm-40mm 24mm-40mm System Features V V Single Colour ✓ ✓ Dual Colour ✓ ✓ Textured Finish ✓ ✓ Multi-Point Locking ✓ ✓ Sightline (Head) 110mm 130mm Sightline (Cill) 130mm 110mm	Max Vent Weight	100kg	130kg
Glazing Thickness 24mm-40mm 24mm-40mm System Features Single Colour ✓ Dual Colour ✓ ✓ Textured Finish ✓ ✓ Anodised Finish ✓ ✓ Multi-Point Locking ✓ ✓ Sightline (Head) 110mm 110mm Sightline (Cill) 130mm 130mm	Glazing		
System Features Single Colour ✓ Dual Colour ✓ Textured Finish ✓ Anodised Finish ✓ Multi-Point Locking ✓ Sightline (Head) 110mm Sightline (Cill) 130mm Sightline (Jamb) 110mm	Glazing Options	Internal Bead	Internal Bead
Single Colour Single Colour Jual Colour Anodised Finish Anodised Finish Anodised Finish Anodised Finish Sightline (Lead) Ilomm Ilomm	Glazing Thickness	24mm-40mm	24mm-40mm
Dual Colour ✓ ✓ Textured Finish ✓ ✓ Anodised Finish ✓ ✓ Multi-Point Locking ✓ ✓ Sightline (Head) 110mm 110mm Sightline (Cill) 130mm 130mm Sightline (Jamb) 110mm 110mm	System Features		
Textured Finish✓Anodised Finish✓Multi-Point Locking✓Sightline (Head)110mmSightline (Cill)130mmSightline (Jamb)110mm	Single Colour	\checkmark	\checkmark
Anodised Finish✓Multi-Point Locking✓Sightline (Head)110mmSightline (Cill)130mmSightline (Jamb)110mm	Dual Colour	\checkmark	\checkmark
Multi-Point Locking✓Sightline (Head)110mmSightline (Cill)130mmSightline (Jamb)110mm	Textured Finish	\checkmark	\checkmark
Sightline (Head) 110mm 110mm Sightline (Cill) 130mm 130mm Sightline (Jamb) 110mm 110mm	Anodised Finish	\checkmark	\checkmark
Sightline (Cill)130mm130mmSightline (Jamb)110mm110mm	Multi-Point Locking	\checkmark	\checkmark
Sightline (Jamb) 110mm 110mm	Sightline (Head)	110mm	110mm
	Sightline (Cill)	130mm	130mm
Sightline (Meeting Stile) 140mm 140mm	Sightline (Jamb)	110mm	110mm
	Sightline (Meeting Stile)	140mm	140mm

Sightline (Meeting Stile)





OTHER OPTIONS AVAILABLE

Single Door open in / out	Corner Post
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*Opposite handling available on all configurations.

**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.

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BSF70 HI HEAD

¥ BSF70 HI INTERLOCK

BSF70 HI LOCKING JAMB

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BSF70 HI CILL

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BSF70 HI SUBCILL

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BSF70 HI THERMAL PROFILE

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CAD CROSS SECTIONS AND THERMAL PROFILE Additional details are available on request. 5.0 °C 6.0 0 40'0 20'0 00'0 0 °C 10 °C »'c LEVER HANDLE FINISH OPTIONS 1 H H Black Chrome Silver White POP OUT T-HANDLE FINISH OPTIONS • 6 Chrome Silver White Anthracite Black LIFT & TURN HANDLE FINISH OPTIONS 1 Chrome Silver White Anthracite Black

