

BSC94

In-line Sliding Door

Modern, versatile and customisable, the BSC94 In-line Sliding Door combines high performance with contemporary design to provide a reliable aluminium door system for almost any architectural project. Manufactured to the highest UK standards, this multi-configuration system can achieve thermal U-Values of 1.5W/m²K (triple glazed mono rail) and sightlines of as little as 45mm.

In addition to mono, dual and Tri Rail options, a comprehensive range of colours and anodised finishes is available for the system. The BSC94 also features an anti bimetal polyamide strip to allow for varying expansion rates, ensuring the continued performance of the door in all conditions.



DESIGN FEATURES

- › Accepts 20mm – 31mm double glazing
- › Max 400kg panel weight
- › Certified under the Secured By Design scheme
- › Tested to PAS 24
- › Anti bi-metal polyamide strip to allow for varying expansion rates

OPTIONS

- › Available as Lift & Slide
- › Slimmer sightline of 45mm available
- › Multiple sliding configurations
- › Mono, Dual or Tri rail options
- › Available in single and dual colour
Anodised finishes also available
- › Range of hardware and security features

SPECIFICATIONS

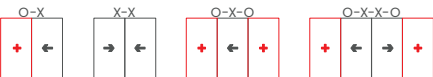
Performance and accreditations	BSC94	BSC94 SLIM
U-Value (Double Glazing) ($U_g = 1.0 \text{ W/m}^2\text{K}$) (mono rail)	1.6 $\text{W/m}^2\text{K}$	-
U-Value (Triple Glazing) ($U_g = 0.7 \text{ W/m}^2\text{K}$) (mono rail)	1.5 $\text{W/m}^2\text{K}$	-
U-Value (Double Glazing) ($U_g = 1.0 \text{ W/m}^2\text{K}$) (dual Rail)	1.7 $\text{W/m}^2\text{K}$	1.7 $\text{W/m}^2\text{K}$
Air Permeability	Class 3 (600 Pa)	Class 3 (600 Pa)
Water Tightness	Class 6a (250 Pa)	Class 6a (250 Pa)
Wind Resistance	Class B3 (1200 Pa)	Class B3 (1200 Pa)
Acoustic Performance	Rw (C;Ctr) 36 (-1;-3) dB**	-
Security	PAS 24 & SBD	x
System		
Depth	94mm-155mm	94mm-155mm
Configurations		
Opening	Inline Sliding	Inline Sliding
Mono Rail	✓	x
Dual Rail	✓	✓
Tri Rail	✓	✓
Size and weight limits		
Max Frame Height	3000mm	3000mm
Max Vent Width	2000mm	2000mm
Max Frame Height With Security Features	2600mm	x
Max Vent Weight	400kg	400kg
Glazing		
Glazing Options	Internal	Internal
Glazing Thickness	20mm-31mm	20mm-31mm
System Features		
Single Colour	✓	✓
Dual Colour	✓	✓
Textured Finish	✓	✓
Anodised Finish	✓	✓
Multi-Point Locking	✓	✓
Sightlines (Interlock)	85mm	45mm
Sightlines (Cill)	115.5mm	115.5mm
Sightlines (Head)	115.5mm	115.5mm
Sightlines (Jamb)	115.5mm	115.5mm

CONFIGURATIONS

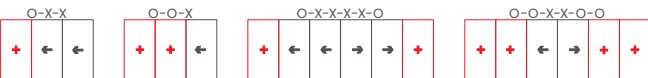
MONO RAIL



DUAL RAIL



TRI RAIL



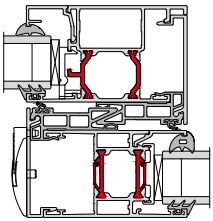
KEY



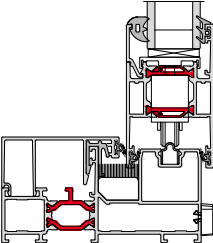
CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

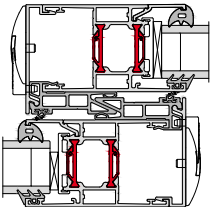
➤ BSC94 MONO RAIL INTERLOCK



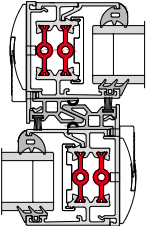
➤ BSC94 MONO RAIL CILL



➤ BSC94 DUAL RAIL / TRI RAIL STANDARD INTERLOCK



➤ BSC94 DUAL RAIL / TRI RAIL STANDARD SUNLINE INTERLOCK



➤ BSC94 THERMAL PROFILE

