

BSC94 Inline Sliding Door System

Modern, versatile and customisable, the BSC94 Inline 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 $1.7\text{W}/\text{m}^2\text{K}$ (triple glazed) and sightlines of as little as 45mm.

In addition to mono, dual and triple rail options, a comprehensive range of colours and anodised finishes is available for the system. The BSC94 also features an anti bi-metal polyamide strip to allow for varying expansion rates, ensuring the future integrity of your design.



DESIGN FEATURES

- › Accepts 20mm–31mm double glazing
- › Max 400kg panel weight
- › Anti bi-metal strip
- › Certified to PAS 24 and SBD

OPTIONS

- › Slimmer sightline of 45mm available
- › Multiple sliding configurations
- › Mono, dual or triple rail options
- › Available in single or dual colour polyester powder coating, texture and anodised finishes
- › Range of hardware and security features

SPECIFICATIONS

	BSC94	BSC94 SLIM
PERFORMANCE AND ACCREDITATIONS		
U-Value (Double Glazing) ($U_g = 1.0 \text{ W/m}^2\text{K}$) (mono rail)	1.6 $\text{W/m}^2\text{K}$	x
U-Value (Triple Glazing) ($U_g = 0.7 \text{ W/m}^2\text{K}$) (mono rail)	1.4 $\text{W/m}^2\text{K}$	x
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 $\text{W/m}^2\text{K}$
U-Value (Triple Glazing) ($U_g = 0.7 \text{ W/m}^2\text{K}$) (dual Rail)	1.5 $\text{W/m}^2\text{K}$	1.5 $\text{W/m}^2\text{K}$
BRE Green Guide Rating	C Rated	C Rated
Air Permeability	Class 4 (600 Pa)	Class 4 (600 Pa)
Water Tightness	Class 7a (300 Pa)	Class 7a (300 Pa)
Wind Resistance	C3 (1200 Pa)	C3 (1200 Pa)
Acoustic Performance	$R_w (C;Ctr) 36 (-1;-3) \text{ dB}^{**}$	-
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



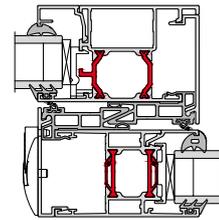
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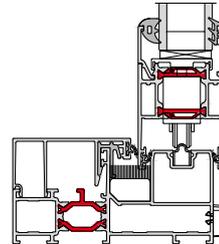
CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

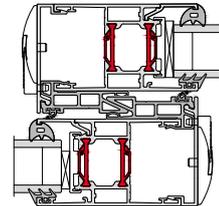
BSC94 Mono Rail – Interlock



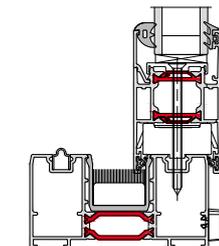
BSC94 Mono Rail – Cill



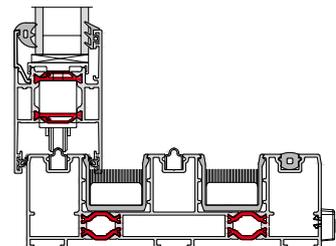
BSC94 Dual Rail/Tri Rail – Standard Interlock



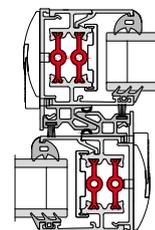
BSC94 Dual Rail – Cill



BSC94 Tri Rail – Cill



BSC94 Dual Rail/Tri Rail – Standard Slimline Interlock



BSC94 Thermal Profile

