

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 1.7W/m²K (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 bimetal 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







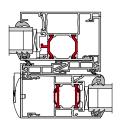
### **SPECIFICATIONS**

### PERFORMANCE AND ACCREDITATIONS  U-Value (Double Glazing) (Ug = 1.0 W/m²K) (mono rail)  1.6 W/m²K  x  U-Value (Double Glazing) (Ug = 0.7 W/m²K) (mono rail)  1.1 W/m²K  x  U-Value (Double Glazing) (Ug = 0.7 W/m²K) (mono rail)  1.5 W/m²K  1.7 W/m²K  1.5 W/m²K  1.		BSC94	BSC94 SLIM
U-Value (Triple Glazing) (Ug = 0.7 W/m²K) (mono rail)	PERFORMANCE AND ACCREDITATIONS		
U-Value (Double Glazing) (Ug = 1.0 W/m*k) (dual Rail)   1.7 W/m*k   1.7 W/m*k   1.5 W/m*	U-Value (Double Glazing) (Ug = 1.0 W/m²K) (mono rail)	1.6 W/m²K	x
U-Value (Triple Glazing) (Ug = 0.7 W/m²K) (dual Rail)	U-Value (Triple Glazing) (Ug = 0.7 W/m²K) (mono rail)	1.4 W/m²K	х
BRE Green Guide Rating         C Rated         C Rated           Air Permeability         Class 4 (600 Pa) Class 4 (600 Pa)           Water Tightness         Class 7a (300 Pa)           Wind Resistance         C3 (1200 Pa)         C3 (1200 Pa)           Acoustic Performance         RW (C;Ctr) 3d B**         -           Security         PAS 24 & SBD         X           SYSTEM           Depth         94mm-155mm         94mm-155mm           CONFIGURATIONS           Opening         Inline Sliding         Inline Sliding           Mono Rail         V         X           Dual Rail         V         V           Inline Sliding         Inline Sliding           Max Frame Height         3000mm         3000mm           Max Vent Width         2000mm         2000mm           Max Vent Weight         400kg         400kg           Glazing Options         Internal         Internal           Glazing Thickness         20mm-31mm         20mm-31mm           SYSTEM FEATURES           Single Colour         V         V           Dual Colour         V         V           Textured Finish         V         V	U-Value (Double Glazing) (Ug = 1.0 W/m²K) (dual Rail)	1.7 W/m²K	1.7 W/m²K
Air Permeability         Class 4 (600 Pa)         Class 4 (600 Pa)           Water Tightness         Class 7a (300         Class 7a (300           Wind Resistance         C3 (1200 Pa)         C3 (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         ✓         ✓           Iri Rail           SIZE AND WEIGHT LIMITS           Max Frame Height         3000mm         3000mm           Max Vent Width         2000mm         2000mm           Max Vent Weight         400kg         400kg           Glazing Options         Internal         Internal           Glazing Thickness         20mm-31mm         20mm-31mm           SYSTEM FEATURES           Single Colour         ✓         ✓           Dual Colour         ✓         ✓           Anodised Finish         ✓         ✓	U-Value (Triple Glazing) (Ug = 0.7 W/m²K) (dual Rail)	1.5 W/m²K	1.5 W/m²K
Water Tightness         Class 7a (300 Pa)         Class 7a (300 Pa)           Wind Resistance         C3 (1200 Pa)         C3 (1200 Pa)           Acoustic Performance         Rw (C;Ctr) 36 C-1;-3) dB**         -           Security         PAS 24 & SBD         x           SYSTEM           Depth         94mm-155mm         94mm-155mm           CONFIGURATIONS           Opening         Inline Sliding         Inline Sliding           Mono Rail         V         X           Dual Rail         V         V           SIZE AND WEIGHT LIMITS           Max Frame Height         3000mm         3000mm           Max Vent Width         2000mm         2000mm           Max Vent Weight         400kg         400kg           Glazing Options         Internal         Internal           Glazing Options         Internal         20mm-31mm           SYSTEM FEATURES           Single Colour         V         V           Dual Colour         V         V           Dual Colour         V         V           Dual Colour         V         V           Textured Finish         V         V	BRE Green Guide Rating	C Rated	C Rated
Pa	Air Permeability	Class 4 (600 Pa)	Class 4 (600 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	Water Tightness	Class 7a (300 Pa)	Class 7a (300 Pa)
(-1;-3) dB***	Wind Resistance	C3 (1200 Pa)	C3 (1200 Pa)
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 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 (Head)         115.5mm         115.5mm <td>Acoustic Performance</td> <td></td> <td>-</td>	Acoustic Performance		-
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 Vent Weight         400kg         400kg           GLAZING         Internal         Internal           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 (Head)         115.5mm         115.5mm	Security	PAS 24 & SBD	x
CONFIGURATIONS  Opening Inline Sliding Inline Sliding Mono Rail	SYSTEM		
Opening Inline Sliding Inline Sliding Mono Rail	Depth	94mm-155mm	94mm-155mm
Mono Rail  Dual Rail  Tri Rail  SIZE AND WEIGHT LIMITS  Max Frame Height  Max Vent Width  Max Vent Width  Max Vent Weight  Max Vent Weight  GLAZING  Glazing Options  Internal  Glazing Thickness  Single Colour  Dual Colour  Textured Finish  Anodised Finish  Multi-Point Locking  Sightlines (Cill)  Sightlines (Head)  SIZE AND WEIGHT  X  X  X  X  X  X  X  X  X  X  X  X  X	CONFIGURATIONS		
Dual Rail  Tri Rail  SIZE AND WEIGHT LIMITS  Max Frame Height  Max Vent Width  Max Vent Width  Max Vent Weight  GLAZING  Glazing Options  Glazing Thickness  Single Colour  Dual Colour  Textured Finish  Anodised Finish  Multi-Point Locking  Sightlines (Cill)  Sightlines (Cill)  Sightlines (Head)  S000mm  3000mm  3000mm  4000mm  2000mm  x  Houng  1000mm  2000mm  x  400kg  40kg  4	Opening	Inline Sliding	Inline Sliding
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	Mono Rail	✓	х
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  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	Dual Rail	✓	~
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	Tri Rail	<b>✓</b>	~
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	SIZE AND WEIGHT LIMITS		
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	Max Frame Height	3000mm	3000mm
Max Vent Weight         400kg         400kg           GLAZING         Internal Interna	Max Vent Width	2000mm	2000mm
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	Max Frame Height With Security Features	2600mm	х
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	Max Vent Weight	400kg	400kg
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	GLAZING		
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	Glazing Options	Internal	Internal
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	Glazing Thickness	20mm-31mm	20mm-31mm
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	SYSTEM FEATURES		
Textured Finish         ✓         ✓           Anodised Finish         ✓         ✓           Multi-Point Locking         ✓         ✓           Sightlines (Interlock)         85mm         45mm           Sightlines (Cill)         115.5mm         115.5mm           Sightlines (Head)         115.5mm         115.5mm	Single Colour	✓	~
Anodised Finish         ✓         ✓           Multi-Point Locking         ✓         ✓           Sightlines (Interlock)         85mm         45mm           Sightlines (Cill)         115.5mm         115.5mm           Sightlines (Head)         115.5mm         115.5mm	Dual Colour	~	~
Multi-Point Locking         ✓         ✓           Sightlines (Interlock)         85mm         45mm           Sightlines (Cill)         115.5mm         115.5mm           Sightlines (Head)         115.5mm         115.5mm	Textured Finish	~	~
Sightlines (Interlock)         85mm         45mm           Sightlines (Cill)         115.5mm         115.5mm           Sightlines (Head)         115.5mm         115.5mm	Anodised Finish	~	~
Sightlines (Cill)         115.5mm         115.5mm           Sightlines (Head)         115.5mm         115.5mm	Multi-Point Locking	~	~
Sightlines (Head) 115.5mm 115.5mm	Sightlines (Interlock)	85mm	45mm
7	Sightlines (Cill)	115.5mm	115.5mm
Sightlines (Jamb) 115.5mm 115.5mm	Sightlines (Head)	115.5mm	115.5mm
	Sightlines (Jamb)	115.5mm	115.5mm

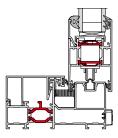
### CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

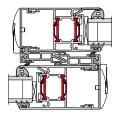
BSC94 Mono Rail – Interlock



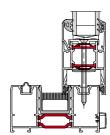
BSC94 Mono Rail – Cill



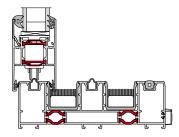
BSC94 Dual Rail/Tri Rail – Standard Interlock



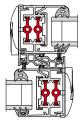
BSC94 Dual Rail – Cill



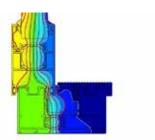
BSC94 Tri Rail – Cill



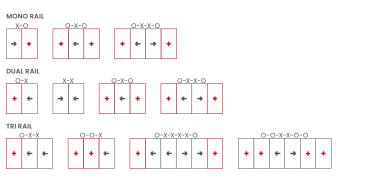
BSC94 Dual Rail/Tri Rail – Standard Slimline Interlock



BSC94 Thermal Profile



### CONFIGURATIONS



# KEY

