

BSC94

# Sliding Door

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**ALUK**<sup>®</sup>

# Sliding Door



A premium sliding door with slim sightlines, available in a variety of sliding configurations using single, dual and triple track systems. The BSC94 offers high levels of performance, from thermal U-Values of 1.5W/m<sup>2</sup>K (triple glazed), and with panel weights up to 400Kg. Smooth operation is guaranteed through the use of the highest quality fittings.



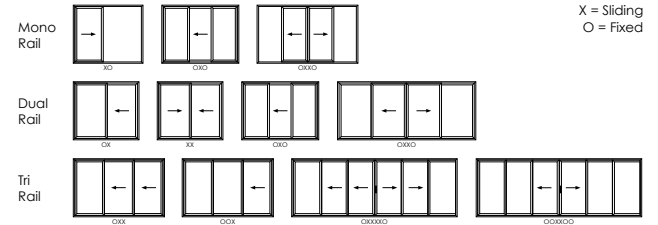
## DESIGN FEATURES

- Accepts 20 – 31mm double glazing
- Max 400kg panel weight
- Certified 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

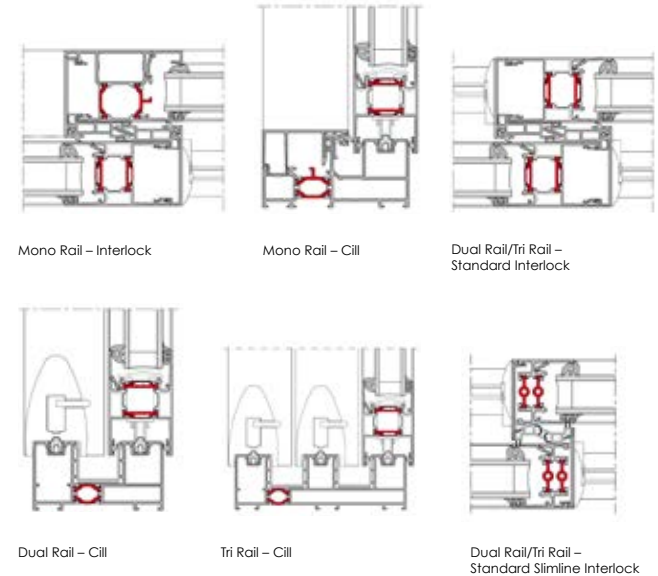
## CONFIGURATIONS



## SPECIFICATIONS

Performance and Accreditation	BSC94	BSC94SLIM
U-value (Double Glazing)* (Ug = 1.0W/m <sup>2</sup> K) (Mono Rail)	1.7 W/m <sup>2</sup> K	x
U-value (Triple Glazing)* (Ug = 0.7W/m <sup>2</sup> K) (Mono Rail)	1.5 W/m <sup>2</sup> K	x
U-value (Double Glazing)* (Ug = 1.0W/m <sup>2</sup> K) (Dual Rail)	1.9 W/m <sup>2</sup> K	1.9 W/m <sup>2</sup> K
U-value (Triple Glazing)* (Ug = 0.7W/m <sup>2</sup> K) (Dual Rail)	1.7 W/m <sup>2</sup> K	1.6 W/m <sup>2</sup> K
Green Guide Rating	C Rated	C Rated
Acoustic Performance (dB)	Rw (C;Ctr) 36 (-1;-3) dB**	npd
Air Tightness (Pa)***	Class 4 (600 Pa)	Class 4 (600 Pa)
Water Tightness (Pa)***	Class 7a (300 Pa)	Class 7a (300 Pa)
Wind Load (Pa)***	C4 (1600 Pa)	C4 (1600 Pa)
Security – PAS24	✓	x
Configuration & Frame		
Opening	Inline Sliding	Inline Sliding
Mono Rail (105mm)	✓	x
Dual Rail (94mm)	✓	✓
Tri Rail (155mm)	✓	✓
Size Limits		
Max Vent Weight****	400kg	400kg
Max Frame Height*	3000mm	3000mm
Max Frame Height with Security Features	2600mm	x
System Features		
Sightlines	85mm	45mm
Dual Colour Option	✓	✓
Multi-Point Locking	✓	✓
Glazing Options	Internal	Internal
Glazing Thickness	20mm-31mm	20mm-31mm

## CAD CROSS SECTIONS



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\*U-Values based on CEN size door (2000mm x 2180mm).  
\*\*Sound insulation values are Rw reduction values and are based on tests using acoustic glazing.  
\*\*\*All weather test data taken from BS EN 6375-1 based upon highest performing door configuration.  
\*\*\*\*Based on using double rollers.  
\*Dependent on wind load and lock variation.  
Note: npd = No performance declared  
**Please visit [www.aluk.co.uk](http://www.aluk.co.uk) to download all BIM components and CAD files.**