



BSC94

Optio Lift & Slide Door

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A premium sliding door with slim sightlines, available in a variety of sliding configurations using single, double and triple track systems. The BSC94 offers high levels of performance, from thermal U-Values of 1.4W/m²K (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 – 31 mm double glazing
- › Max 400kg panel weight

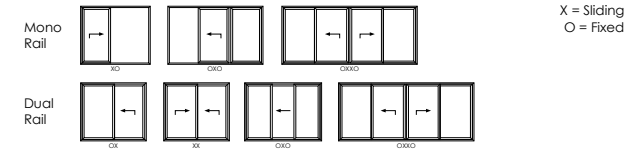
SPECIFICATIONS

Performance and Accreditation	BSC94	BSC94SLIM
U-value (Double Glazing)* (Ug = 1.0W/m ² K) (Mono Rail)	1.6 W/m ² K	x
U-value (Triple Glazing)* (Ug = 0.7W/m ² K) (Mono Rail)	1.4 W/m ² K	x
U-value (Double Glazing)* (Ug = 1.0W/m ² K) (Dual Rail)	1.7 W/m ² K	1.7 W/m ² K
U-value (Triple Glazing)* (Ug = 0.7W/m ² K) (Dual Rail)	1.5 W/m ² K	1.5 W/m ² K
Green Guide Rating	C Rated	C Rated
Acoustic Performance (dB)	npd	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)
Configuration & Frame		
Opening	Lift & Slide	Lift & Slide
Mono Rail (105mm)	✓	x
Dual Rail (94mm)	✓	✓
Size Limits		
Max Vent Weight***	400kg	400kg
Max Frame Height****	3000mm	3000mm
System Features		
Sightlines	100mm	45mm
Dual Colour Option	✓	✓
Multi-Point Locking	✓	✓
Glazing Options	Internal	Internal
Glazing Thickness	20mm – 31mm	20mm – 31mm

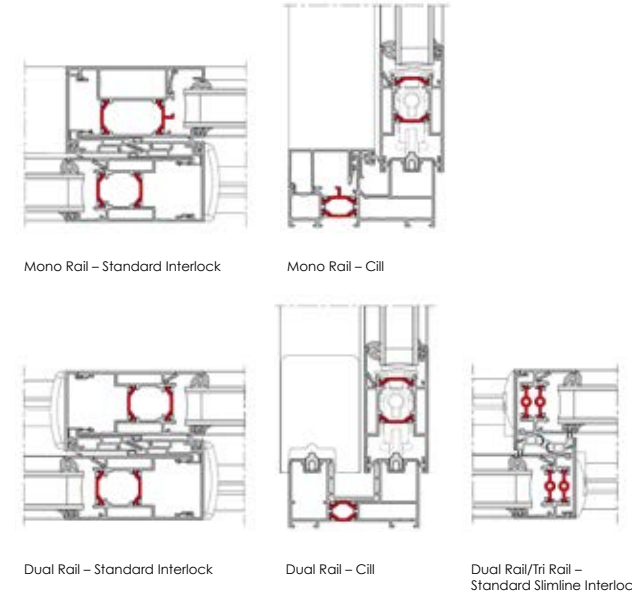
OPTIONS

- › Available as Inline Sliding
- › Slimmer sightline of 45mm available
- › Multiple sliding configurations
- › Mono or Dual rail options
- › Available in single and dual colour; anodised finishes also available
- › Range of hardware and security features

CONFIGURATIONS



CAD CROSS SECTIONS



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*U-Values based on CEN size door (2000mm x 2180mm).
**All weather test data taken from BS EN 6375-1 based upon highest performing door configuration.
***Based on using a Tandem bogie kit.
****Dependent on wind load and lock variation.
Note: npd = No performance declared
Please visit www.aluk.co.uk to download all BIM components and CAD files.