

# BSC94 HI | Sliding Door System



Modern, versatile and customisable, the BSC94 HI 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 DSER of 'C' rating (double glazed) and sightlines of as little as 45mm.

A redesigned symmetrical outer frame simplifies fabrication and reduces stockholding, while the upgraded 42mm thermal break and anti bi-metal low lambda strip ensure reliable, long-term performance. Available in a wide range of colours and finishes, including single and dual colour options, the system offers flexibility across a variety of architectural styles.

**DESIGN FEATURES**

- Upgraded 42mm thermal break improving thermal performance
- Slim & standard option available
- Existing press tooling compatability with conversion kit
- New anti bi-metal low lambda strip for smoother operation and improved durability

**OPTIONS**

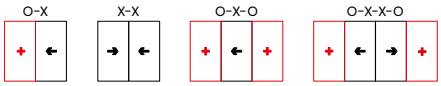
- Multiple sliding configurations
- Double & triple track options
- Available in single, dual colour and anodised finishes
- Range of hardware and configuration options

## SPECIFICATIONS

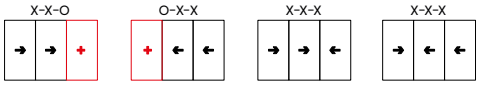
| PERFORMANCE & ACCREDITATIONS | BSC94 HI | BSC94 HI SLIM |
|---|---|---|
| U-Value (Double Glazing) (Ug: 1.0 W/m²K) | 1.4 W/m²K | 1.4 W/m²K |
| DSER | C Rating | C Rating |
| BRE Green Guide Rating | C Rating | C Rating |
| Air Permeability | Class 4 (600 Pa)* | Class 3 (600 Pa)* |
| Water Tightness | Class 6a (250 Pa)* | Class 4a (150 Pa)* |
| Wind Resistance | C3 (1200 Pa)* | C3 (1200 Pa)* |
| Security | PAS 24 | - |
| **SYSTEM** | | |
| Depth | 94mm-155mm | 94mm-155mm |
| **CONFIGURATIONS** | | |
| Opening | Inline Sliding | Inline Sliding |
| Double Track | ✓ | ✓ |
| Triple Track | ✓ | ✓ |
| **SIZE AND WEIGHT LIMITS** | | |
| Max Leaf Height | 3000mm | 3000mm |
| Max Vent Width | 2000mm | 2000mm |
| Max Frame Height With Security Features | 2600mm | - |
| 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 | ✓ | ✓ |
| Sightline (Head) | 115.5mm | 115.5mm |
| Sightline (Cill) | 115.5mm | 115.5mm |
| Sightline (Jamb) | 115.5mm | 115.5mm |
| Sightlines (Interlock) | 85mm | 45mm |

## CONFIGURATIONS

### DOUBLE TRACK




### TRIPLE TRACK

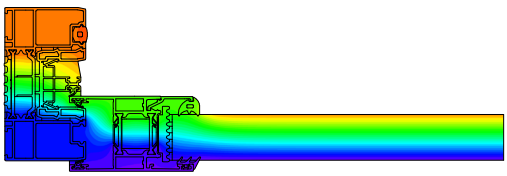



### KEY



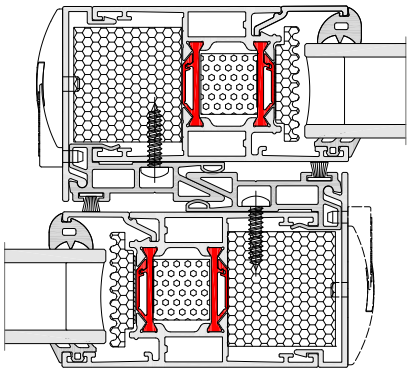

## THERMAL PROFILE

BSC94 HI THERMAL PROFILE

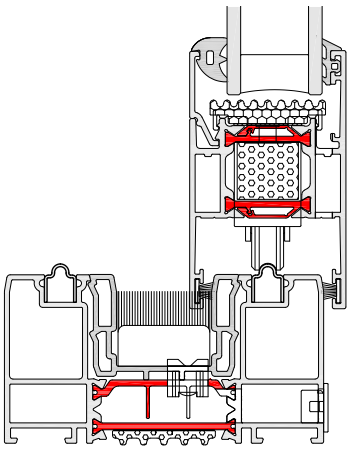


## CAD CROSS SECTIONS

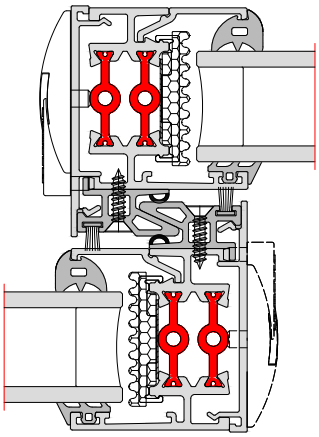
Additional details are available on request.



**BSC94 HI DOUBLE TRACK STANDARD INTERLOCK**



**BSC94 HI DOUBLE TRACK CILL**



**BSC94 HI DOUBLE TRACK SLIMLINE INTERLOCK**

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