



CREATING BRIGHT FUTURES



BSC94 HI

➤ **Inline sliding door**

ALUK.CO.UK

ALUK[®]



Modern, versatile and customisable, the BSC94 HI Inline sliding door combines high performance with contemporary design.

Providing 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.

In addition to dual colour options, a comprehensive range of colours and anodised finishes are available for the system. The BSC94 HI also features an anti bimetal low lambda strip to allow for varying expansion rates, ensuring the continued integrity of your design.

INTERLOCK





HANDLES



Lever Handle



Inline Sliding Door
P Handle



Inline Sliding Door
D Handle

Handles are available in white, black, anthracite grey, silver and chrome.

FEATURES

- › Accepts 20mm – 31mm double glazing
- › Max 400kg panel weight
- › Certified under the Secured By Design scheme
- › Tested to PAS 24
- › Anti bimetal low lambda strip to allow for varying expansion rates

OPTIONS

- › Slimmer sightline of 45mm available
- › Multiple sliding configurations
- › Double track options
- › Available in single and dual colour, anodised finishes also available
- › Range of hardware and security features



The BSC94 HI Inline sliding door makes the perfect addition for homes of any size looking to let natural light flood in, from modern city centre balconies to opening out onto countryside vistas.

And, with excellent air, water and wind resistance test results, the BSC94 HI Inline sliding door has been designed to withstand the worst of the British weather.

Add a splash of colour to make a real statement with our AluK Colour Collection, specifically designed to bring you the latest in colour and textured finishes, designed to make your home yours.

Last but by no means least the BSC94 HI Inline sliding door offers full PAS24 and Secured By Design accreditation so you can feel completely safe as well as stylish.



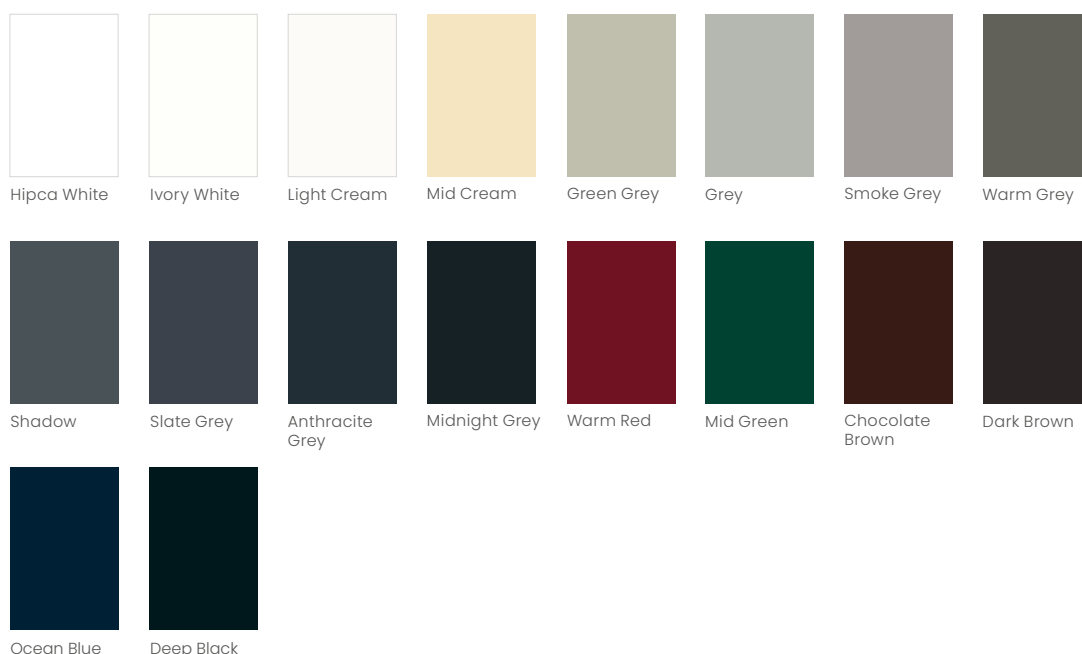
COLOUR FULL

Today, the demand for colour choices in windows and doors is growing rapidly. At AluK, we know there's much more to life than white, black, and 7016.

That's why the BSC94 HI Inline sliding door is available in a wide range of colour choices to suit even the most 'out there' styles. Through our stock colour offering, you can get single and dual colours in as little as 5 days, and thanks to our in-house paint facility, we can finish profile to any RAL colour required. All of our profiles are finished to marine grade as standard, meaning our products remain vibrant for years to come.

Elements

Contemporary matt colour range – Smooth finish



And for that extra level of choice these other ranges are available from our AluK Colour Collection. Contact us for a brochure and current leadtimes.

Homestead



Inspired by traditional and period design – Textured finish

Spectrum



Inspired by the sophistication of architecture – Textured / Metallic finish

Urbane

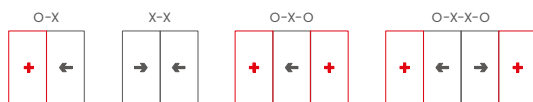


Inspired by the intensity of contrast – Anodised finish

SPECIFICATIONS

Performance* and accreditations	BSC94 HI	BSC94 SLIM HI
U-Value (Double Glazing) ($U_g = 1.0 \text{ W/m}^2\text{K}$) (Double Track)	1.7 $\text{W/m}^2\text{K}$	1.7 $\text{W/m}^2\text{K}$
DSER	'C' Rating	'C' Rating
BRE Green Guide Rating	C Rated	C Rated
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)
Acoustic Performance	$R_w (C; C_{tr}) 36 (-1; -3) \text{ dB}^{**}$	-
Security	PAS 24 & SBD	x
System		
Depth	94mm-155mm	94mm-155mm
Configurations		
Opening	Inline Sliding	Inline Sliding
Double Track	✓	✓
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

DOUBLE TRACK CONFIGURATIONS



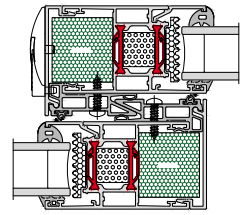
KEY



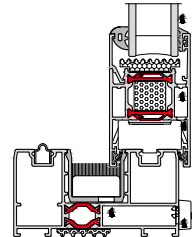
CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

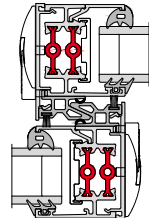
➤ BSC94 HI DOUBLE TRACK STANDARD INTERLOCK



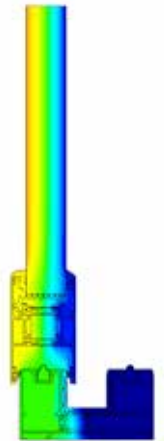
➤ BSC94 HI DOUBLE TRACK CILL



➤ BSC94 HI DOUBLE TRACK STANDARD SLIMLINE INTERLOCK



➤ BSC94 HI THERMAL PROFILE



* Performance data based on CEN size for Building Regulations. For full test performance details please contact Technical Services. AluK recommends checking all system performance for any scheme prior to use.

T: 01291 639 739

E: info.uk@aluk.com

Registered Office:
AluK (GB) Ltd
Newhouse Farm Ind Est
Chepstow
NP16 6UD

Registered Number:
02881320

ALUK.CO.UK

ALUK[®]