

58BD

Flush Entrance Door



Available in a wide range of styles and formats, our stylish aluminium entrance door system is suitable for both light and medium-duty use.

Designed with security and flexibility front of mind, every door in the range is available in single and double configurations making them ideal for almost any application.

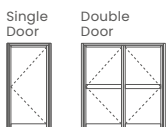
DESIGN FEATURES

- › Accepts 24mm – 40mm double or triple glazing
- › Max vent weight 90kg
- › Max Frame Height 2160mm
- › Multi-point locking mechanism
- › Available in single and dual colour

SPECIFICATIONS

	Single Open-In	Single Open-Out	Double Open-In	Double Open-Out
Performance* and accreditations				
U-Value (Double Glazing) (Ug: 1.0 W/m ² K)	1.6 W/m ² K	1.7 W/m ² K	1.7 W/m ² K	1.6 W/m ² K
U-Value (Triple Glazing) (Ug: 0.7 W/m ² K)	1.4 W/m ² K	1.4 W/m ² K	1.4 W/m ² K	1.4 W/m ² K
Air Permeability	Class 2 (300 Pa)	Class 2 (300 Pa)	Class 2 (300 Pa)	Class 1 (150 Pa)
Water Tightness	Class 9a (600 Pa)	Class E1950 (1950 Pa)	Class 4a (150 Pa)	Class 7a (300 Pa)
Wind Resistance	Class A3 (1200 Pa)	Class A3 (1200 Pa)	Class 2 (800 Pa)	Class 2 (800 Pa)
Building Regulations Part L Compliant	✓	✓	✓	✓
Security	PAS 24 & SBD	PAS 24 & SBD	PAS 24 & SBD	PAS 24 & SBD
Durability EN1191 category	50,000 Cycles	50,000 Cycles	50,000 Cycles	50,000 Cycles
3rd Party Certification Q-Mark	✓	✓	✓	✓
System				
Depth	58mm - 70mm	58mm - 70mm	58mm - 70mm	58mm - 70mm
Size and weight limits				
Maximum Door Leaf Size (mm)	1200w x 2400h	1200w x 2400h	2400w x 2400h	2400w x 2400h
Maximum Door Leaf Weight	2 Hinges 100kg 3 Hinges 125kg 4 Hinges 150kg	2 Hinges 100kg 3 Hinges 125kg 4 Hinges 150kg	2 Hinges 100kg 3 Hinges 125kg 4 Hinges 150kg	2 Hinges 100kg 3 Hinges 125kg 4 Hinges 150kg
Glazing				
Glazing Thickness	24mm-40mm	24mm-40mm	24mm-40mm	24mm-40mm
System Features				
Single Colour	✓	✓	✓	✓
Dual Colour	✓	✓	✓	✓
Textured Finish	✓	✓	✓	✓
Anodised Finish	✓	✓	✓	✓
Thermally Broken	✓	✓	✓	✓
Sightlines	119mm Max	119mm Max	175mm (Meeting Stile)	175mm (Meeting Stile)
Panel Door	✓	✓	✓	✓
Multi-Point Locking	✓	✓	✓	✓
Barrel Hinges	✓	✓	✓	✓

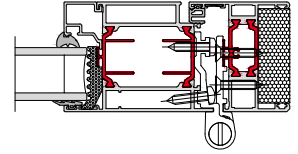
CONFIGURATIONS



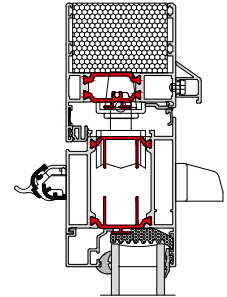
CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

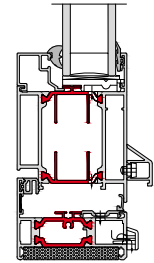
58BD HINGE JAMB



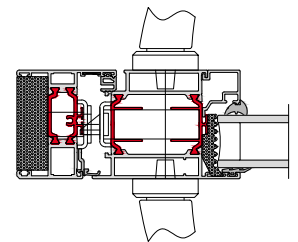
58BD HEAD



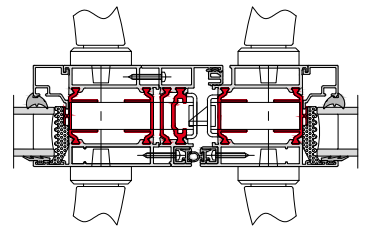
58BD CILL



58BD LOCKING JAMB



58BD MEETING STILE
(DOUBLE DOOR)



58BD THERMAL PROFILE

