

58BD Flush Door System

One of our most popular contemporary aluminium door systems, the 58BD Flush Entrance provides slim sightlines and flush aesthetics. Available in both open-in and open-out configurations, the system offers impressive thermal U-Values of up to 1.4W/m²K.

Ideal for light and medium-duty use, the 58BD Flush Entrance is fully PAS 24 tested and certified under the Secured By Design scheme. The system is available in single or dual colour and anodised finishes.

DESIGN FEATURES

- › Certified under the Secured By Design scheme
- › Tested to PAS 24
- › Multi-point locking mechanism
- › Designed to incorporate standard and security hardware using the same preparation detail
- › Cloaking feature conceals lock and prevents any access to locking points
- › Suites with window profile to give ultimate design flexibility
- › Slim profile design

OPTIONS

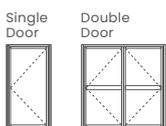
- › Glazing 24mm–40mm
- › Available in two frame depths, 58mm or 70mm, to accommodate varying types of applications
- › Available in single or dual colour polyester powder coating, texture and anodised finishes
- › Available for new build or refurbishment projects
- › Available in single or double door configuration
- › Adjustable hinge for ease of installation
- › Multi-point locking system for maximum security



SPECIFICATIONS

	SINGLE OPEN-IN	SINGLE OPEN-OUT	DOUBLE OPEN-IN	DOUBLE OPEN-OUT
PERFORMANCE AND ACCREDITATIONS				
U-Value (Double Glazing) (Ug: 1.0 W/m²K)	1.6 W/m²K	1.7 W/m²K	1.7 W/m²K	1.6 W/m²K
U-Value (Triple Glazing) (Ug: 0.7 W/m²K)	1.4 W/m²K	1.4 W/m²K	1.4 W/m²K	1.4 W/m²K
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			
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			
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	✓	✓	✓	✓
APPLICATIONS				
New Build	✓	✓	✓	✓
Refurbishment	✓	✓	✓	✓

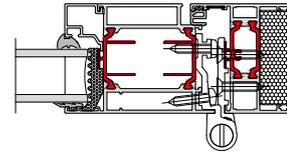
CONFIGURATIONS



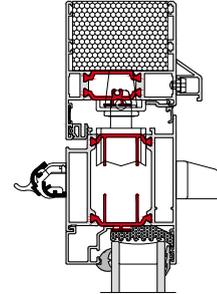
CAD CROSS SECTIONS AND THERMAL PROFILE

Additional details are available on request.

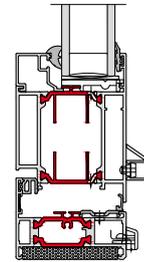
58BD
Hinge
Jamb



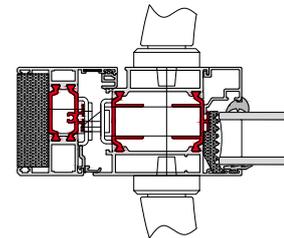
58BD
Head



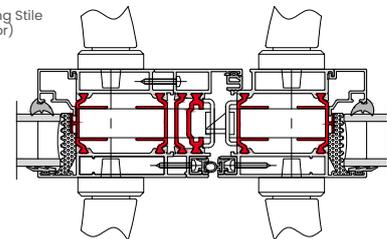
58BD
Cill



58BD
Locking
Jamb



58BD Meeting Stile
(Double Door)



Thermal
Profile

