

SPECIFICATIONS

Performance and accreditations	Single	Double	GT55 TB Screening
U-Value (Double Glazing) (Ug: 1.0 W/m²K)	1.7 W/m²K	1.8 W/m²K	1.4 W/m²K
Air Permeability	-	-	Class 4 (500 Pa)
Water Tightness	-	-	Class E1200 (1200 Pa)
Wind Resistance	-	-	Class 4 (1600 Pa)
Security	PAS 24 & SBD	PAS 24 & SBD	PAS 24 & SBD
3rd Party Certification Q-Mark	✓	✓	✓
System			
Depth	110mm	110mm	110mm
Size and weight limits			
Maximum Door Leaf Size (mm)	1200w x 2400h	1200w x 2400h	-
Maximum Door Leaf Weight	110kg	110kg	-
Glazing			
Glazing Thickness (Single Glazing)	-	-	6mm - 12mm
Glazing Thickness (Double Glazing)	24mm - 40mm	24mm - 40mm	26mm - 30mm

System Features

Single Colour	✓	✓	✓
Dual Colour	✓	✓	✓
Textured Finish	✓	✓	✓
Anodised Finish	✓	✓	✓
Thermally Broken	✓	✓	✓
Fire Exit option	✓	✓	✓
Part M compliant low threshold	✓	✓	-
Part M compliant closer	✓	✓	-
Anti-Finger Trap	✓	✓	-
Sightlines	145mm	176mm	55mm
Mid-Rail and Lay Bar	✓	✓	✓
Panel Door	✓	✓	-
Multi-Point Locking	✓	✓	-
Single Point Locking	✓	✓	-
Concealed Hinges	✓	✓	-
Electro Mechanical Locking	✓	✓	-

PAS 24 SECURITY RATED

Accessibility options	Single Door		Double Door	
	Max (w)	Max (h)	Max (w)	Max (h)
Electronic access locking	1200	2400	1200	2400
Panic Doors	1200	2400	1200	2400
Electronic access panic doors (Dorma)	1200	2400	1200	2400
Manual locking	1000	2400	1000	2400

An effective choice for shop fronts, entrances and ground floor treatments, the FC THRESHOLD provides exceptional security and performance. Delivering high levels of energy efficiency thanks to its thermally broken profiles, the system has been designed to provide a flexible solution for low-rise glazing applications.

The system offers PAS 24 rating and is Secured By Design-accredited across a suite of configurations including single and double doors, screening, and side and fan lights. It also features a range of PAS 24 hardware including panic, mechanical and electro-mechanical locking for both single and double doors. Easily integrated with other AluK systems, the GT55 TB includes an integrated range of high traffic, anti-finger trap doors.

DESIGN FEATURES

- ▶ Pocket and bead glazed for ease of site glazing
- ▶ slim 55mm profile width for increased glazing and light transmission
- ▶ fully compatible with other AluK systems
- ▶ The most comprehensive PAS 24 and Secured By Design certified system on the market today
- ▶ Robust mechanical connection detail for ultimate strength in high traffic environments
- ▶ GT55 TB can be used to create louvred and paneled doors with a variation of inserts

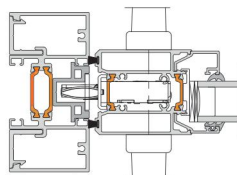
OPTIONS

- ▶ Wide range of hardware available offering full customisation
- ▶ Available in single or dual colour polyester powder coating, texture and anodised finishes
- ▶ Ability to accommodate various architectural pull handles from other manufacturers

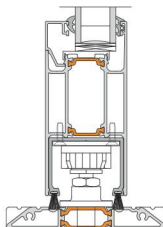
CAD CROSS SECTIONS

Additional details are available on request.

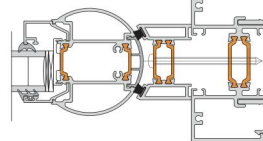
▶ FC THRESHOLD JAMB WITH MULTI POINT LOCK



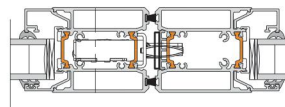
▶ FC THRESHOLD LOW THRESHOLD



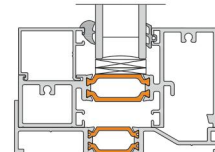
▶ FC THRESHOLD JAMB WITH ANTI FINGER TRAP



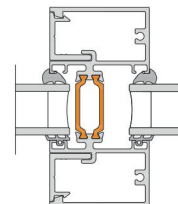
▶ FC THRESHOLD MEETING STILE



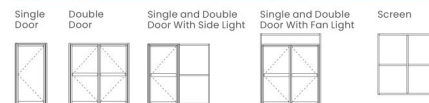
▶ FC THRESHOLD SCREEN CILL



▶ FC THRESHOLD SCREEN MULLION



SBD CONFIGURATIONS



Secured by Design

