



GT55 TB Commercial Door

An effective choice for shop fronts, entrances and ground floor treatments, the GT55 TB 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 panelled 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

Secured by Design



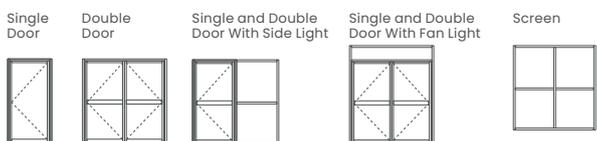
Police Preferred Specification



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 (600 Pa) |
| Water Tightness | - | - | Class E1200 (1200 Pa) |
| Wind Resistance | - | - | Class B4 (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 | ✓ | ✓ | - |

SBD CONFIGURATIONS



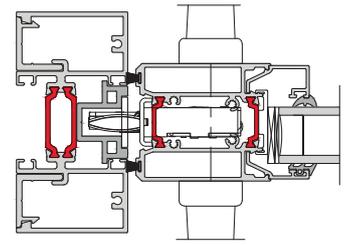
PAS 24 SECURITY RATED

| 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 |

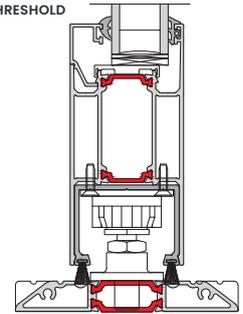
CAD CROSS SECTIONS

Additional details are available on request.

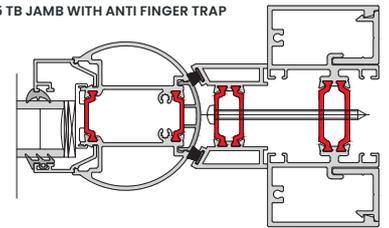
GT55 TB JAMB WITH MULTI POINT LOCK



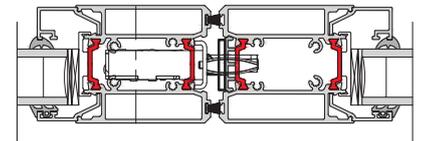
GT55 TB LOW THRESHOLD



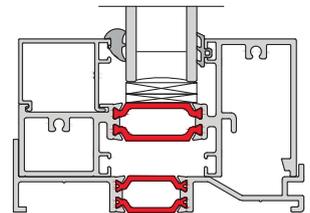
GT55 TB JAMB WITH ANTI FINGER TRAP



GT55 TB MEETING STILE



GT55 TB SCREEN CILL



GT55 TB SCREEN MULLION

