



## GT55 NI NON-INSULATED DOOR SYSTEM

The GT55 NI commercial door system provides the ultimate in security, certified to LPS 1175 (SR2) and by Secured by Design at a competitive price point. It does not include insulation and thus is ideal for a range of high traffic applications in the commercial and public sector including retail outlets, offices, hospitals, schools, warehousing as well as other industrial applications. This system is also available as a traditional commercial doorset.

### DESIGN FEATURES

- Unique security and safety features
- Ultra secure, specialist glazing
- Structurally enhanced door framing
- Fully glazed, commercial swing door
- Incorporates the Adams Rite Sentinel 6 mechanical dead lock
- Integrated with GT55 ground floor treatment system

### OPTIONS

- Available with a full range of security and customisable hardware
- Electronic and manual access systems easily integrated
- Glazed or non-glazed options
- Available in single or dual colour option, polyester powder coating and anodised finishes
- SBD LP51175 & PAS 24 compliant

### CONFIGURATIONS

- Single Doors (Open In)
- Single Doors (Open Out)
- Double Doors (Open In)
- Double Doors (Open Out)



## GT55 NI NON-INSULATED DOOR SYSTEM TECHNICAL SPECIFICATIONS

Available in standard, PAS 24 and LPS1175 (SR2) options, the GT55 NI aluminium door system is one of the most secure swing doors available on the market. The system has been fully tested with full glazing, no use of steel reinforced panels, as well as

with semi-glazing and can be integrated with our ground floor treatment systems. It suited to high traffic environments where no insulation is required.

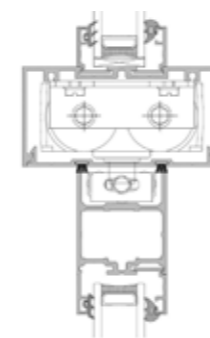
SPECIFICATIONS	SINGLE & DOUBLE NON-INSULATED DOOR
<b>Performance &amp; Accreditation</b>	
U-Value (Double Glazing)*	3.1 W/m²K
U-Value (Triple Glazing)**	--
Green Guide Rating	C Rated
Acoustic Performance (dB)	npd
Air Tightness (Pa)	npd
Water Tightness (Pa)	npd
Wind Load (Pa)	npd
Security	LPS1175 SR2 / PAS 24
<b>CON_URATIONS</b>	
<b>Opening</b>	
Opening	Open Out & Open In
Top Hung	--
Side Hung	--
Fixed Light	--
Tilt & Turn	--
Single Door	•
Double Door	•
Sliding Door	•
<b>DESIGN FEATURES</b>	
<b>Max Vent Weight</b>	
Max Vent Weight	80 Kg
Top Hung	--
Side Hung	--
Fixed Light	--
Tilt & Turn	--
<b>SIZE</b>	
Frame Options	110mm
Dual Colour Option	--
Single Point Locking	•
Multi-Point Locking	--
Electro Mechanical Locking	•
Glazing Options	Internal
Glazing Thickness	24mm - 28mm



Non-insulated door system

## CAD CROSS SECTION AND THERMAL PROFILE

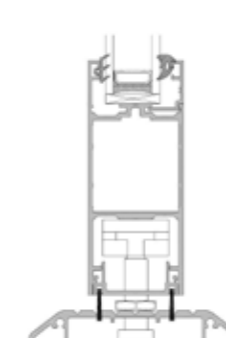
Transom Detail



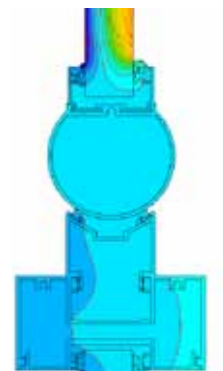
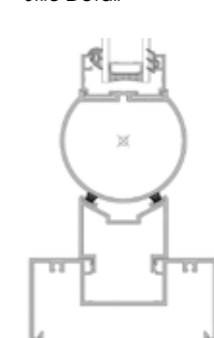
Lock Stile Detail



Threshold Detail



AFT Hinge Stile Detail



U-Values based on 14351 size door (1000mm x 2180mm) using 1.1 W/m²K double glazing with warm edge Swisspacer V bar. All weather test data taken from BS EN 6375-1 (Part of Pas 23) based upon highest performing door configuration. Sound insulation values are Rw reduction values and are based on tests using acoustic glazing.

Please note: NBS Specifications are available for all products and BIM Components for many. Please visit [www.aluk.co.uk](http://www.aluk.co.uk) to download CAD files, BIM Components and NBS Specifications.