

# ExcluDoor<sup>®</sup> 5

A wide range of single, leaf-and-a-half and double leaf security doorsets available with a selection of additions and locking options.

## Applications

- MoD
- High value retail outlets
- Utility buildings
- Police stations
- Banks
- Factories and warehouses



# ExcluDoor® 5

## Features

- Security rated steel pedestrian doorsets.
- Strong, lightweight and attack resistant.
- Tested and certified to LPS 1175 Issue 7. Security Classification SR5.
- Secured by Design accredited.
- Single, equal-leaf double and unequal leaf double doorset configurations.
- Market leading maximum door leaf sizes.
- Vision panel and louvre vent options.
- Welded frame corner joints.
- Single or double rebate frame profiles.
- Premium quality hardware options including ASSA ABLOY branded products.
- Non-fire rated.
- External range CE/UKCA marked in accordance with harmonised standard BS EN 14351-1.
- Architectural grade polyester powder coat finishes.

## Sizes

Custom produced doorset sizes to suit as-built or specified structural opening dimensions.

## Door Leaf

45mm thick twin tray construction with internal armoured steel plate reinforcement. Door skins manufactured from 1.5mm thick zinc coated mild steel for enhanced corrosion resistance. Infilled with mineral wool core and vertical stiffeners. Anti-pry astragal fitted to leading edge for lock bolt protection. Hardware preparations suitably reinforced and pre-threaded for required fasteners.

## Door Frame

100mm x 45mm single rebate profile supplied as standard. Double rebate profile and increased frame depth sizes available on request. Manufactured from 1.5mm thick zinc coated mild steel. Butt welded corner joints. Factory prepared hinge, strike plate and door closer mounting plates.

## Weather Seal & Thresholds

Silicone self-adhesive weather seal to frame and steel low level with stop threshold supplied as standard. Alternative steel thresholds including Approved Document M compliant design available on request.

## Vision Panels

Rectangular shaped vision panel design. Clear vision size: 200mm wide x 300mm high. Glazing units tested and certified in accordance with LPS 1270 for intruder resistance. Alternative door viewer option.

## Louvre Vents

Square shaped heavy duty louvre vents. Clear vent size: 400mm wide x 400mm high. Hardened steel louvre blades welded in position to resist attack and deformation. Vermin mesh available on request. 46.4% free area excluding vermin mesh. Vision panels and louvres may be combined within the same door leaf.

## Fixing Method

Door frames second fixed within structural openings using packing shims and expansion anchors to masonry/concrete openings or machine screws to drilled and tapped holes in steelwork. Frame fixing holes infilled with snap-fit low-profile plastic hole plugs. Frame to wall joints sealed with mastic sealant.

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## Security Rating

Tested and certified to Loss Prevention Standard LPS 1175 Issue 7. Security Classification SR5. Certificate No. 234d Part 5. Secured by Design accredited.

## Thermal Rating

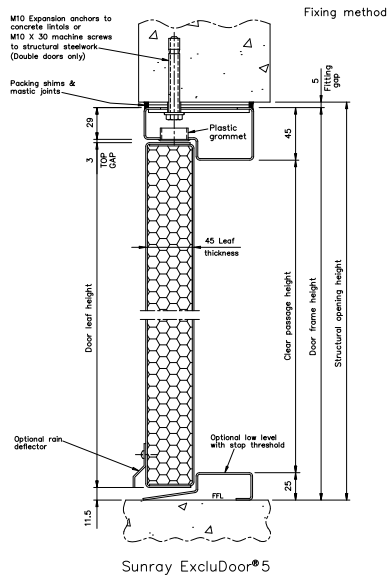
Thermal transmittance certified in accordance with BR 497 and BS EN ISO 10211 by BRE. U-value for plain single and double doorsets: 2.8 W/m<sup>2</sup>.K. U-value for single and double doorsets with vision panels: 3.3 W/m<sup>2</sup>.K

## Hardware

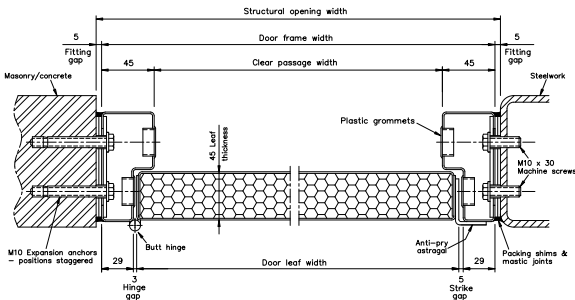
Selection of attack tested and approved, CE/ UKCA marked, high security locking systems including MICO Abyll and Surelock McGill Slimline range locks. Panic escape, emergency escape and access control options. ASSA ABLOY DC300 heavy duty door closers. Minimum of three BS EN 1935 Class 13 stainless steel thrust bearing butt hinges fitted to each door leaf. Sunray barrel bolts to double door passive leaves. All hardware factory fitted as standard.

## Finishes

Top coat: Architectural grade polyester powder coat. 30% gloss level. 60-80 microns thickness. Optional marine grade zinc rich primer for enhanced corrosion resistance. 60-80 microns thickness. Stocked range of 58 standard colours. Other colours and finishes available on request.



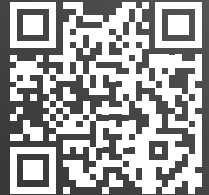
Fixing method



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**Bespoke Design Services**

Complementing our standard door ranges we also offer a complete, bespoke design service to suit specific client needs or to overcome site/building constraints.

**Sunray Installation Service**

We offer a full installation service covering our complete range of steel door and louvre systems. Work is carried out by our own qualified factory-skilled operatives and not sub-contractors.

Procedures are audited and our installation process is approved and certified by CHAS, Safe Contractor, Achilles Building Confidence and Achilles UVDB.

Sunray's Installation Service is certified by the LPCB/BRE to LPS 1271 for security and fire doors.

**Nationwide Delivery Service**

Specialist transport service includes curtain sider lorries with Moffett facility, flat bed lorries with HIAB facility and lightweight vans as applicable.



*ExcluDoor® 5 double doorsets fitted with ExcluVent® 5 ventilated panels.*



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