

ExcluDoor[®] 4 FR

Applications

- MoD
- Banks and building societies
- High value retail outlets
- Strategic utility buildings
- Police stations



ExcluDoor® 4 FR

Features

- Security and fire rated steel pedestrian doorsets.
- Strong, lightweight and attack resistant.
- Tested and certified to LPS 1175 Issue 7. Security Classification SR4.
- Secured by Design accredited.
- Fire tested to BS EN 1634-1 and certified up to 4 hours duration.
- Single, equal-leaf double and unequal leaf double doorset configurations.
- Market leading maximum door leaf sizes.
- Vision panel option.
- Welded frame corner joints.
- Single or double rebate frame profiles.
- Premium quality hardware options including ASSA ABLOY branded products.
- External range CE/UKCA marked in accordance with harmonised standards BS EN 14351-1 and BS EN 16034.
- 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.

Smoke/Weather Seal & Thresholds

Silicone self-adhesive smoke/weather seal to frame and Approved Doc M compliant low profile steel threshold c/w rain deflector and wiper seal supplied as standard. Clear threshold option and alternative steel profile designs 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.

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.

Security Rating

Tested and certified to Loss Prevention Standard LPS 1175 Issue 7. Security Classification SR4. Certificate No. 234d Part 4. Secured by Design accredited.

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Fire Rating

CE/UKCA marked range tested to BS EN 1634-1 by Efectis and approved to 4 hours fire integrity duration.

Thermal Rating

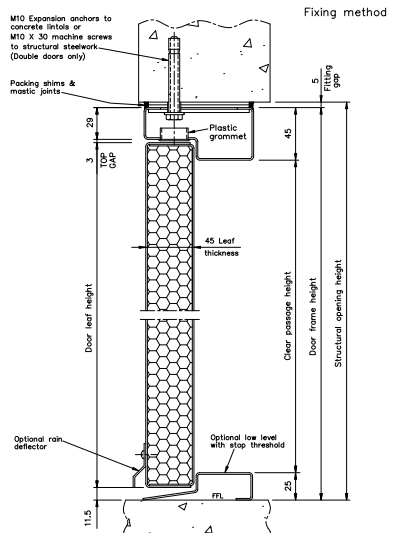
Thermal transmittance certified in accordance with BR 497 and BS EN ISO 10211 by BRE. U-value for plain single and double doorsets: 2.8 W/m².K. U-value for single and double doorsets with vision panels: 3.3 W/m².K

Hardware

Comprehensive selection of attack and fire tested, CE/UKCA marked, high security locking systems including ASSA ABLOY Kaye HS100 Series 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.

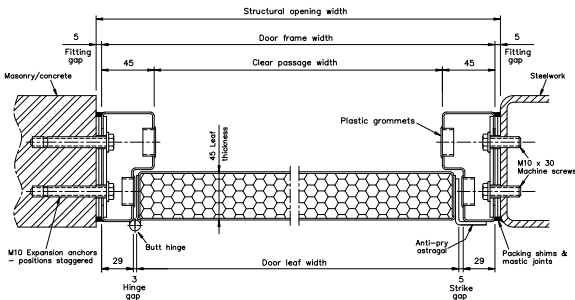
Finishes

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.



Sunray ExcluDoor® 4 FR

Fixing method



Sunray Single ExcluDoor® 4 FR

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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.



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