

SaverDoor FR[®]

Fire Rated

Applications

- Offices
- Fire escapes
- Plant rooms
- Store rooms
- Services cupboards
- Bin stores



Features

- Fire resistant steel pedestrian doorsets.
- Strong, lightweight and durable.
- 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 door leaf size range.
- Vision panel and louvre vent options.
- Knock-down butt joint or welded frames.
- Single or double rebate frame profiles.
- Premium quality ASSA ABLOY brand hardware or bespoke options.
- External range CE/UKCA marked in accordance with harmonised standards BS EN 14351-1 and BS EN 16034.
- Internal range Certifire third-party certification scheme approved.
- Architectural grade polyester powder coat finishes.

Sizes

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

Door Leaf

44mm thick twin tray construction. Door skins manufactured from 1.5mm thick zinc coated mild steel for enhanced corrosion resistance. Door leaves infilled with light weight, impact resistant honeycomb core or mineral wool and vertical stiffeners when required. Anti-pry astragal fitted to leading edge for bolt protection. Hardware preparations suitably reinforced and pre-threaded for required fasteners.

Door Frame

100mm x 57mm 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. Knock-down butt joint frame assembly method for ease of site installation as standard. Butt welded option available on request. 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 aluminium low profile threshold c/w integral seal supplied as standard. Clear threshold option and alternative aluminium or steel profile designs available on request.

Vision Panels

Standard range of square, rectangular and round shaped vision panel designs with bevelled beading and tight mitred corner joints. Clear vision sizes (W x H): 406mm x 406mm, 406mm x 711mm, 152mm x 457mm, 152mm x 711mm or 406mm diameter. 9mm thick Firelite clear ceramic safety glass supplied as standard.

Louvre Vents

Standard range of square and rectangular shaped fire block louvre vents. Clear vent sizes (W x H): 305mm x 305mm, 457mm x 305mm, 457mm x 457mm, 305mm x 1524mm or 457mm x 1524mm. 40% free area. 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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Fire Rating

Certifire range tested by Warringtonfire to BS EN 1634-1 and third-party fire product certification scheme approved to 1 hour fire integrity duration.

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 BS EN ISO 10077-1 by Element Materials Technology. U-value for plain single and double doorsets: 3.0 W/m².K.

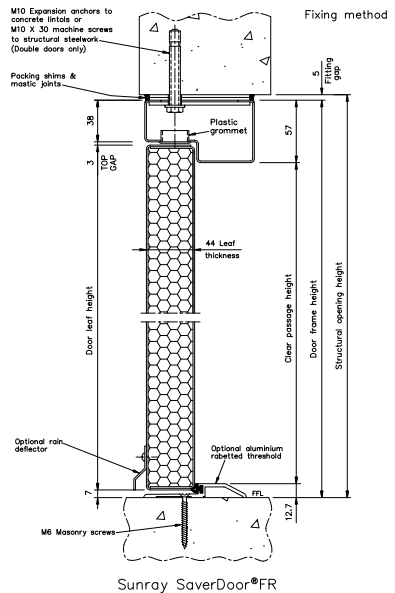
Hardware

High quality ASSA ABLOY branded hardware supplied as standard including DC200/DC300 door closers, Union HD72 Series mortice locks and Union/Exidor panic escape devices.

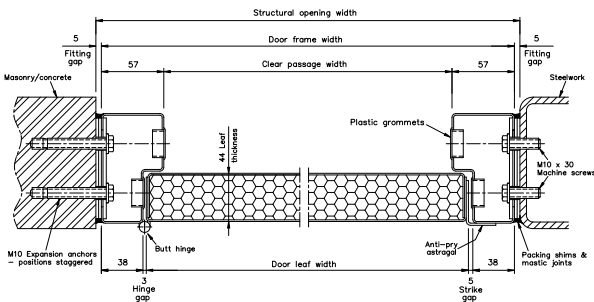
Minimum of four BS EN 1935 Class 13 stainless steel ball bearing butt hinges fitted to each door leaf. Concealed flush bolts to double door passive leaves. All hardware factory fitted as standard. Other ironmongery available on request.

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



Sunray Single SaverDoor[®]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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