

Sunray ExcluDoor® 6 Range (Non-Fire Rated)

Technical Specification

Product Range Summary:

A comprehensive range of premium quality, security rated, steel hinged pedestrian doorsets.

- Configurations: Single doorset, equal leaf double doorset and un-equal leaf double doorset options.
- Orientation: Single swing open out.
- Door leaves 45mm thick. Manufactured from 1.5mm thick zinc coated mild steel. (Zintec).
- Door frames manufactured from 1.5mm thick zinc coated mild steel. (Zintec). Single rebate profile as standard. Other profiles available on request.
- Loss Prevention Standard LPS 1175 Issue 7 Security Rating SR6.
- Secured by Design accredited.
- External doors CE/UKCA marked in accordance with harmonised standard BS EN 14351-1.
- Available with weather/draught resistant seals and threshold options.
- Vision panel and door viewer options.

Door Leaf Construction:

- 45mm thick. Manufactured from 1.5mm thick zinc coated mild steel (Zintec) for enhanced corrosion resistance.
- Fully enclosed pop-riveted and welded twin tray construction. Internally reinforced with proprietary materials to suit specified intruder resistance and hardware requirements.
- Minimum of 3 off stainless steel ball bearing butt hinges per leaf.
- Separate hinge bolts incorporated as standard for increased security resistance.
- Door leaves infilled with proprietary core materials to provide an attack resistant, flat, warp and distortion free panel.
- Leading edge of single door leaf provided with external zinc coated steel anti-pry strip which overlaps frame and protects lock bolt. Double doorset incorporates both external and internal anti-pry strips at meeting stiles for additional security.
- All hardware preparations pre-threaded for fasteners and suitably reinforced as appropriate.

Frame Construction:

- Standard frame profile: Single rebate 100mm x 45mm overall. Double rebate profiles and other sizes available on request.
- Manufactured from 1.5mm thick zinc coated mild steel (Zintec) for enhanced corrosion resistance.
- Butt welded frame joints.
- Factory prepared hinge and strike plate mounting plates.
- Weather/draught seal: Silicone self-adhesive tear drop gasket. Colour: black.

Sunray ExcluDoor® 6 Range (Non-Fire Rated)

Threshold Options:

- Standard threshold: Steel low level with stop. Alternative thresholds including Approved Document M compliant design available on request.

Vision Panels:

- Rectangular shaped vision panels to suit application. Clear vision size: 200mm wide x 300mm high.
- Glass specification: Glazing units tested and certified in accordance with Loss Prevention Standard LPS 1270: Issue 1.1
- Method of fixing in accordance with manufacturer's instructions.
- Alternative door viewer option.

Fixing Method:

- 2nd fix between structural reveals with steel shims and expansion type anchors. Gap sealed with manufacturer approved mastic sealant.
- Frame fixing holes infilled with snap-fit low profile hole plugs. Colour: black.

Security Rating:

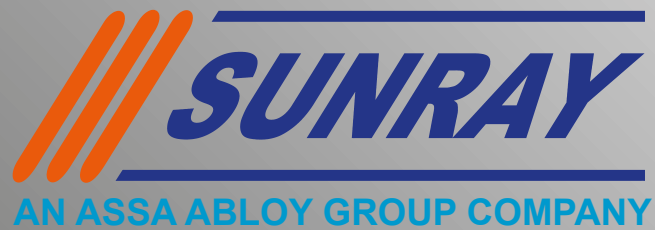
- Tested and certified to Loss Prevention Standard LPS 1175 Issue 7 Security Rating SR6. Certificate No. 234d Part 6.
- Secured by Design accredited.

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/m².K
- U-value for single and double double doorsets with vision panels: 3.3 W/m².K

Hardware:

- Heavy duty stainless steel ball bearing butt hinges. Certified to Class 13 in accordance with BS EN 1935.
- MICO Abryll range single point surface mounted locks.
- Sunray surface mounted barrel bolts.
- Dorma TS 83 overhead door closers with backcheck facility. Conforming to BS EN 1154.
- Zero Z304 door selectors tested to BS EN 1158.
- Hardware factory fitted as standard.



Sunray Doors
An Assa Abloy Group Company

Sunray Engineering Ltd
Kingsnorth Industrial Estate
Wotton Road, Ashford
Kent TN23 6LL

+44 (0)1233 639039
sales@sunraydoors.co.uk
www.sunraydoors.co.uk