



ExcluDoor[®] 4

CERTIFIED TO LPS 1175 ISSUE 7 LEVEL SR4

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



SECURITY



FIRE



VENTILATION



Applications

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



The ExcluDoor® 4 is a range of single, leaf-and-a-half and double leaf steel security doorsets to be utilised in situations where security is of paramount importance

Standard features across the range

- Available with a large range of locking options with an LPS 1175 Issue 7 Level SR 4 including single and multi-point lock on single and double leaf doorsets.
- Maximum corrosion resistance is achieved by manufacturing from electro-zinc coated steel as standard or Aluzinc®.
- Available as single, leaf-and-a-half and double leaf doorsets.
- Tough recessed stainless steel hinges with anti-crushing fixing and independent dog bolts.
- Anti-lever astragal to closing edge of door leaf.

Locking Options

- Panic Escape Push Bars
- Emergency Escape
- Access Control
- Key Driven

Passive leaf

The passive leaf of double leaf doorsets are fitted as standard with top and bottom barrel bolts equipped with the facility for a padlock or anti-tamper indicator. Alternatively, integral bolts can be fitted which have to be locked secure before the active leaf will close.

Hinges

3, 4, 5 or 6 stainless steel hinges (dependent upon door height) tested to EN1935: 2002 Grade 13, recessed into door leaf with reinforced anti-crush fixing.

Finish

One coat of grey etch primer as standard for on-site finishing or there is the option of a wide selection of powder coated colours from our own factory powder coating facility.

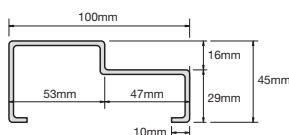
Optional Extras

Many optional extras are available including lever handles, weather/ smoke seals, kick and push plates, overhead door closers, alarm contacts and electronic lock status monitoring. Individual models have additional options.

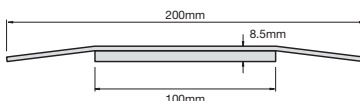
Thermal Performance Assessment

The U-value for a standard ExcluDoor® 4 door was calculated to be 3.799 W/m²K. When fitted with a vision panel the U-value was measured at 2.799 W/m²K.

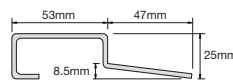
Thresholds



Standard frame profile.



Standard low level threshold.



Low level threshold with stop.

Standard ExcluDoor® 4 options



Mico single point locking.



Panic escape option with lever handle and cylinder guard.



Sunray's unique spring-loaded barrel bolt incorporating anti-tamper and padlockable facilities.



Integrated hooked dog bolt.

ExcluDoor® 4 Mk2

The ExcluDoor® 4 Mk2 is range of single, leaf-and-a-half and double leaf high security steel doorsets available with a wide variety of locking options suitable for personnel access as well as panic exit and emergency escape.

Features

- Available as 'extra high' doorset to fit structural openings up to 3.075 metres without compromising the security rating.
- We are able to offer this rating on single and double leaf steel doorsets fitted with an ExcluGlass® 4 security rated vision panel.
- Single and double door options are available with ExcluVent® 4 ventilated panels.
- Independent hooked dog bolts at top and bottom of door leaf.
- Police Preferred Specification.



Door leaf

Material: 1.5mm electro-zinc coated steel incorporating an additional drill-resistant steel protection plate to attack face.

Size: 45mm thick composite door leaf with an anti-lever cover plate to closing edge of door leaf.

Weight: Approximately 60kg per square metre.

Frame

Material: 1.5mm electro-zinc coated steel.

Profile: Single rebated 45mm x 100mm.

Reinforcing: At hinges, lock keeps and fixing points.

Door Furniture

Using high security locking from Surelock McGill and Tindall Engineering, a wide range of locks and panic furniture is available certified to LPS 1175 Issue 7 Level SR4.

Optional Extras

Many optional extras are available including lever handles, weather/smoke seals, kick and push plates, overhead door closers, heavy duty door stays, alarm contacts and electronic lock status monitoring.

ExcluDoor® 4 Mk 2 Structural Opening Sizes

(mm)	Min width	Max width	Min height	Max height
Single leaf	750	1240	1800	3075
Double leaf	1240	2400	1800	3075



Can be fitted with certified ExcluVent® 4 ventilated panels.

ExcluDoor® 4 Mk2 FR

The ExcluDoor® 4 Mk2 FR is a range of single, leaf-and-a-half and double leaf high security fire rated steel doorsets which can also incorporate an ExcluGlass® 4 fire rated vision panel with SR4 security rating.

Features

- Provides a 4 hour fire-rating tested in accordance with BS EN 1634-1: 2008 and LPS 1056: Issue 6.1 for both single, leaf-and-a-half and double doorsets.
- Can incorporate a high security ExcluGlass® 4 FR vision panel with both one and two hour fire rating, in compliance with BS EN 1634-1: 2008.
- Police Preferred Specification.
- Independent hooked dog bolts at top and bottom of door leaf.
- The ExcluDoor® 4 Mk2 FR is approved for UK Government use. For details contact CPNI.



Frame

Material: 1.5mm electro-zinc coated steel.

Profile: Single rebated 45mm x 100mm.

Reinforcing: At hinges, lock keeps and fixing points.

Door Leaf

Material: 1.5mm electro-zinc coated steel incorporating an additional drill-resistant steel protection plate in attack face.

Size: 45mm thick composite door leaf with an anti-lever astragal to closing edge of leaf.

Weight: Approximately 60kg per square metre.

Locking Options

Multi-point locking combinations available for personnel access and emergency escape.

Optional Extras

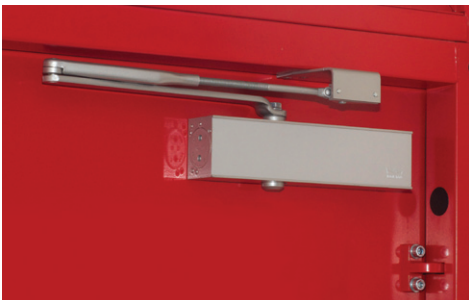
Can incorporate a high security ExcluGlass® 4 FR vision panel with both one and two hour fire rating, in compliance with BS EN 1634-1: 2008.

Many optional extras are available including external lever handles, weather seals, kick and push plates, overhead door closers, alarm contacts and electronic lock status monitoring.



ExcluDoor® 4 Mk 2 FR Structural Opening Sizes

(mm)	Min width	Max width	Min height	Max height
Single leaf	750	1240	1800	2750
Double leaf	1240	2400	1800	2750



Heavy duty door closer.

ExcluDoor® 4 Mk3

The ExcluDoor® 4 Mk3 is a range of high security steel doorsets offering single-point locking on both single, leaf-and-a-half and double leaf doorsets. The ExcluVent® 5 ventilated panel and/or ExcluGlass® 5 vision panel can be fitted without compromising the security rating.

Features

- Available with single point locking.
- Police Preferred Specification. 
- Independent hooked dog bolts at top and bottom of door leaf.

Door Leaf

Material: 1.5mm electro-zinc coated steel incorporating an additional drill-resistant steel protection plate in attack face.

Size: 45mm thick composite door leaf with an anti-lever astragal to closing edge of leaf.

Weight: Approximately 60kg per square metre.

Frame

Material: 1.5mm electro-zinc coated steel.

Profile: Single rebated 45mm x 100mm.

Reinforcing: At hinges, lock keeps and fixing points.

Locking Options

Single and multi-point locking combinations available for personnel access and emergency escape.

Optional Extras

Single, leaf-and-a-half and double leaf door options are available with ExcluVent® 5 ventilated panels which can be fitted at the top or bottom of the doors and/or ExcluGlass® 5 vision panels.

Many optional extras are available including external lever handles, weather/smoke seals, kick and push plates, overhead door closers, heavy duty door stays, alarm contacts and electronic lock status monitoring.



ExcluDoor® 4 Mk 3 Structural Opening Sizes

(mm)	Min width	Max width	Min height	Max height
Single leaf	750	1240	1800	2400
Double leaf	1240	2400	1800	2400

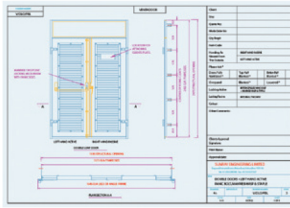


Integrated hooked dog bolt.



Heavy duty door stay.

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 an installation service covering our steel door, louvre systems and ExcluDoor® security door ranges.

Work is carried out by our own qualified factory-skilled operatives, 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 doors.

Nationwide delivery service

Specialist transport including arctics, curtain sidlers with Moffett facility, flat bed lorries with HIAB facility and lightweight vans including Crossrail compliant vehicles.



'Extra high' ExcluDoor® 4 incorporating 4-point locking system fitted with kickplate and ExcluGlass® 4 vision panel as extras.



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

T 01233 639039

E sales@sunraydoors.co.uk

www.sunraydoors.co.uk



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