



# ExcluDoor® 3

CERTIFIED TO LPS 1175 ISSUE 7 LEVEL SR3

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
- Utility buildings
- Hospitals
- Police stations



# The ExcluDoor® 3 is a range of single, leaf-and-a-half and double leaf steel security doors to be utilised in situations where an increased deterrence is required.

## Standard features across the range

- Available as single leaf, leaf-and-a-half and double leaf doorsets.
- Police Preferred Specification. 
- Manufactured from electro-zinc coated steel as standard or from Aluzinc® for maximum corrosion resistance.
- Tough recessed stainless steel hinges with anti-crushing fixing and independent dog bolts.
- Independent hooked dog bolts at top and bottom of door leaf.
- 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 Sunray's unique spring-loaded barrel bolts incorporating anti-tamper and padlockable facilities. 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, endurance tested to over 2,000,000 cycles, recessed into door leaf.

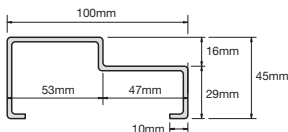
## Finish

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.

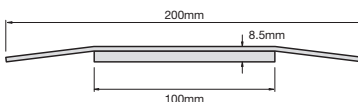
## Thermal Performance Assessment

The U-value for a standard ExcluDoor® 3 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.

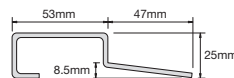
## Thresholds



Standard frame profile.



Standard low level threshold.



Low level threshold with stop.



Emergency escape option with push pad.



Key driven option with lever handle.



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




Integrated hooked dog bolt.

# ExcluDoor® 3

The ExcluDoor® 3 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

- Large range of locking options available across the range of single, leaf-and-a-half and double leaf doorsets.
- Police Preferred Specification. 
- Strong all steel construction.
- Manufactured from electro-zinc coated steel for increased corrosion resistance.
- Tough recessed stainless steel hinges with anti-crushing fixing and independent dog bolts.
- 2.5mm thick anti-lever astragal to closing edge of door leaf.
- The ExcluDoor® 3 is approved for UK government use. For details contact CPNI.

**CPNI.**

Centre for the Protection  
of National Infrastructure

## Door leaf

**Material:** 2.5mm/1.5mm electro-zinc coated steel attack face dependent on model with 1.5mm inner face.

**Size:** 43-44mm thick composite door leaf with 2.5mm thick anti-lever cover strip to closing edge.

**Weight:** Approximately 50kg per square metre.

## Frame

**Material:** 1.5mm electro-zinc coated steel (2.5mm/1.5mm hinge jamb depending on model).

**Profile:** Single rebated 45mm x 100mm.

**Reinforcing:** At hinges, lock keeps and fixing points.

## Door Furniture

A wide range of locks and panic furniture is available, including high security locking from Surelock McGill and Tindall Engineering.

## Optional Extras

Many optional extras are available including external 'D' pull handles, lever handles, ring pull, weather/smoke seal, kick and push plates, overhead door closers, heavy duty door stays, alarm contacts.

## ExcluDoor® 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



Wide  
choice of  
locking  
options.

The passive leaf of double doorsets is secured using specially designed spring loaded barrel bolts unique to Sunray.

# ExcluDoor® 3 Mk2

This version is available as 'extra high' single, leaf-and-a-half and double leaf doorsets which can incorporate an ExcluGlass® 3 vision panel and/or an ExcluVent® 3 ventilated panel.



## Features

- High security slimline multi-point locking from Surelock McGill is used with a range of certified locks and emergency escape furniture.
- Available as single leaf, leaf-and-a-half and double leaf doorsets.
- Available as a single leaf, inward opening doorset up to 2.8 metres high.
- Available as 'extra high' doorset to fit structural openings up to 3.075 metres without compromising the security rating.
- Police Preferred Specification. 
- Manufactured from electro-zinc coated steel as standard or from Aluzinc® for maximum corrosion resistance.
- Tough recessed stainless steel hinges with anti-crushing fixing.
- Anti-lever astragal to closing edge of door leaf.

## 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.

*Size:* 43-44 mm thick composite door leaf with 2.5mm thick anti-lever cover strip to closing edge.

*Weight:* Approximately 50kg per square metre.

## Door Furniture

A wide range of locks and panic furniture including Surelock McGill and Tindall Engineering devices.

## ExcluDoor® 3 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

## Optional Extras



Heavy duty door stay.



Access control option.

## Optional Extras

- An ExcluGlass® 3 rated vision panel can be fitted.
- An ExcluVent® 3 rated ventilation panel can be incorporated either at the top or bottom of the door, or in both positions.

The vision panel and ventilated panel can be used in combination with each other.

- Optional extras include lever handles, weather/smoke seal, kick and push plates, door closers, heavy duty door stays, alarm contacts & lock status monitoring.

# ExcluDoor® 3 Mk3 FR


Fire rated for up to four hours and can incorporate a high security ExcluGlass® 4 vision panel with both one and two hour fire rating.



ExcluGlass® vision panel fire rated for one or two hours.

Wide range of locking options including emergency escape.

## Features

- Large range of locking options available across the range of single, leaf-and-a-half and double leaf doorsets.
- Four hour fire rating.
- Tested in accordance with BS EN 1634-1: 2008 and LPS1056: Issue 6.1.
- Police Preferred Specification. 
- Manufactured from electro-zinc coated steel as standard or from Aluzinc® for maximum corrosion resistance.
- Tough recessed stainless steel hinges with anti-crushing fixing.
- Independent hooked dog bolts at top and bottom of door leaf.
- Anti-lever astragal to closing edge of door leaf.

## 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 internal drill resistant steel protection plate in attack face.

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

*Weight:* Approximately 60kg per square metre.

## Door Furniture

High security slimline multi-point locking from Surelock McGill with a range of certified locks and emergency escape furniture.

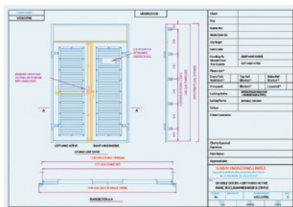
## Optional Extras

- ExcluGlass® 4 vision panel with both one and two hour fire rating, in compliance with BS EN 1634-1: 2008, can be fitted.
- Many optional extras are available including lever handles, kick and push plates, overhead door closers, heavy duty door stays, alarm contacts and electronic lock status monitoring.

## ExcluDoor® 3 Mk 3 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

## 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.



*ExcluDoor® 3 Mk2 fitted with single point locking system incorporating a panic bar and with optional heavy duty door stay.*

## 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.



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