

Application:

The Powershield Clandeboyne door has the capability to provide protection against a determined opportunist attack and has been tested to the rigorous standards of **LPS 1175 SR2 (Issue 8)**. This heavy security is provided while the product still retains the aesthetic properties of a Powershield Lagan personnel door, where a discrete security solution is required.

Typical applications for this type of door:

- Public facilities
- Entertainment complexes
- Shopping centres
- Filling stations
- Many other applications

The Powershield Clandeboyne doorset is configurable with a wide range of options and features, providing a high quality door to meet a wide range of needs.

Specification:

- Single, double and leaf and a half configurations
- Outward and inward opening
- Overhead panels
- High security louvres
- High security vision panels
- Available with single rebate or double rebate frame profiles and a variety of frame fixing options
- Upgradable for fire rating
- Upgradable for increased sound reduction
- On double doors, 2 lever action flush bolts are required and located within the leading edge of the inactive door leaf. Alternatively, a full 2 point Panic system across both door leaves is available.
- All hardware is factory fitted unless otherwise stated
- The use of ASSA ABLOY certified hardware is essential for continued compliance with the tested standard

Powershield Clandeboyne doorsets are available in a wide range of customisable options. For more information, please contact us on 0044 28 9266 2200.

Finish:

Powershield Security Doors are available in a wide range of finishes including primed, powder coated and stainless steel. For our standard colour range please refer to the Standard Colour Palette in the downloads section, or contact us on 0044 28 9266 2200 for further options.



Standards:

- LPS1175 SR2 Issue 8 B3 – cert/LPCB ref: 852e
- Internal doors upgradable to FD30(S) – FD240(S) in accordance with BS 476 Part 22: 1987 and E30 – E240 in accordance with EN 1634-1: 2008
- External doors E30 – E120 in accordance with EN 1634-1: 2008
- Most standard configurations are available as Certifire compliant and therefore regularly audited and approved by third party to ensure continued conformity
- Upgradable to BS EN ISO 10140-2:2021
- BS EN 14351-1:2006 + A1 2010
- BS EN 1604:2014



LPS1175: Issue 8
Cert/LPCB ref: 852e



Technical Data:

- Typical insulation value: Pre-expanded, small cell honeycomb core 3.7 - 4.6W/m²k depending on hardware and glazing options.
- Typical insulation value: High density mineral wool core 1.8 - 4.8 W/m²k depending on hardware and glazing options.
- Stainless steel dog bolt hinges to increase resistance to attack

Standard Leaf Construction

- Two skins of 1.5mm (16 ga.) thick MAGIZINC steel to EN 10346:2015.
- 44mm thick door leaf with no face seams
- Heavy-duty internal reinforcement to prevent forcible entry and attack
- Additional Ø10mm stainless steel dog bolts for enhanced security
- The core is insulated and sound deadened with pre-expanded, small cell honeycomb core material and laminated under heat and pressure to the face skins
- Doors are complete with lock and hardware reinforcements engineered to give high performance throughout the life of the door
- Face skins are connected by a continuous "deep pocket" 4-sided interlocking edge lock seam for superior strength and durability
- Door edges are bevelled for ease of operation and close fit
- Doors are morticed, reinforced, drilled and tapped for three templated hinges
- A fully flush integral astragal is folded into the leading edge of one leaf to increase security and reduce the chance of water ingress

Standard Frame Construction

- Powershield bespoke frame adjuster system which provides enhanced security, ease of installation and a durable and permanent fixing.
- Manufactured from 1.5mm (16 ga.) thick MAGIZINC steel to EN 10346:2015.
- Reinforced door frame to prevent forcible entry and attack
- Supplied in either knock down for easy site assembly or fully welded smooth finish
- Frames are morticed, reinforced, drilled and tapped for hinges and strikes
- Frames are provided with a minimum of four fixings per jamb. Fixing holes are covered with either polymer cover caps or metal flush discs