

Powershield Steel Doorset

ASSA ABLOY

The UK's number one range of steel doors, Powershield is synonymous with exceptional product quality and attention to detail.

Powershield Steel Doors have been specified for a diverse range of major construction projects for over 20 years, from commercial office and telecommunication facilities to pharmaceutical and chemical plants, as well as military bases, transport hubs and leisure stadia.



Powershield

Powershield Fire Doorset

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Steel doors provide a higher level of fire protection when compared with other door materials such as timber, UPVC, aluminium or GRP. Powershield Doors have been extensively tested to both British and European standards to a variety of configurations, sizes and specifications.

Our range of fire doors has been successfully certified by Exova Warringtonfire in accordance with Certifire.

Powershield Fire Doorset

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Powershield Fire

Fire Doorset (Certifire Approved – CE Marked for External Fire Doors)

Application:

Powershield Certifire approved doorsets feature SMARTform Technology and offer excellent fire resistance performance.

ASSA ABLOY Security Doors offer a comprehensive range of pre-engineered fire doorsets manufactured to suit your requirements, combining up to 4 hours fire resistance to BS476 Part 22: 1987 and BS EN 1634-1; 2008 with exceptional aesthetic and long-lasting appeal.

Powershield Fire Series steel doorsets have earned a reputation for quality and high performance throughout the commercial and industrial building market.

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

Specification:

- Available in a range of handings
- Available with a range of configurations, overhead panels and side panels
- Available with a range of frame profiles and frame fixing options
- Available with a range of Hardware
- Available with a range of Vision Panels including single, double and triple glazed with a variety of window beading styles
- Available with a fire rated louvre
- Available with a range of Acoustic upgrades
- Powershield Fire doorsets are available in galvanised steel or stainless steel construction with a wide range of finish and colour options

Powershield Fire doorsets are available in a wide range of customisable options. Please refer to the Technical Brochure in the download section for more information, or contact us on 0044 28 9266 2200.

Finish:

Powershield Fire 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:

- FD30(S) – FD240(S) in accordance with BS476 Part 22: 1987
- E30 – E240 in accordance with EN1634-1: 2008
- Most standard configurations Certifire compliant and therefore regularly audited and approved by third party to ensure continued conformity
- BS EN 14351-1:2006 +A1 2010
- BS EN 16034:2014

Powershield



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 3.1 - 4.8 W/m²k depending on hardware and glazing options.

Standard Leaf Construction

- SMARTform Technology featuring a continuous "deep pocket" 4-sided interlocking edge lock seam for superior strength and durability
- Two skins of 1.2mm (18 ga.) thick MAGIZINC steel to EN 10346:2015
- 44mm thick door leaf with no face seams
- 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
- Door edges are bevelled for ease of operation and close fit
- Doors are morticed, reinforced, drilled and tapped for three templated hinges
- On double doors, a fully flush integral astragal is folded into the leading edge of one leaf to reduce the chance of water ingress

Standard Frame Construction

- Powershield bespoke frame adjuster system which ensures enhanced security, ease of install and a solid fixing.
- Manufactured from 1.5mm (16 ga.) thick MAGIZINC steel to EN 10346:2015
- 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
- Corners have integral reinforcements for solid and easy fixing of jambs and head