

Fireguard FD01 Fire Resisting Steel

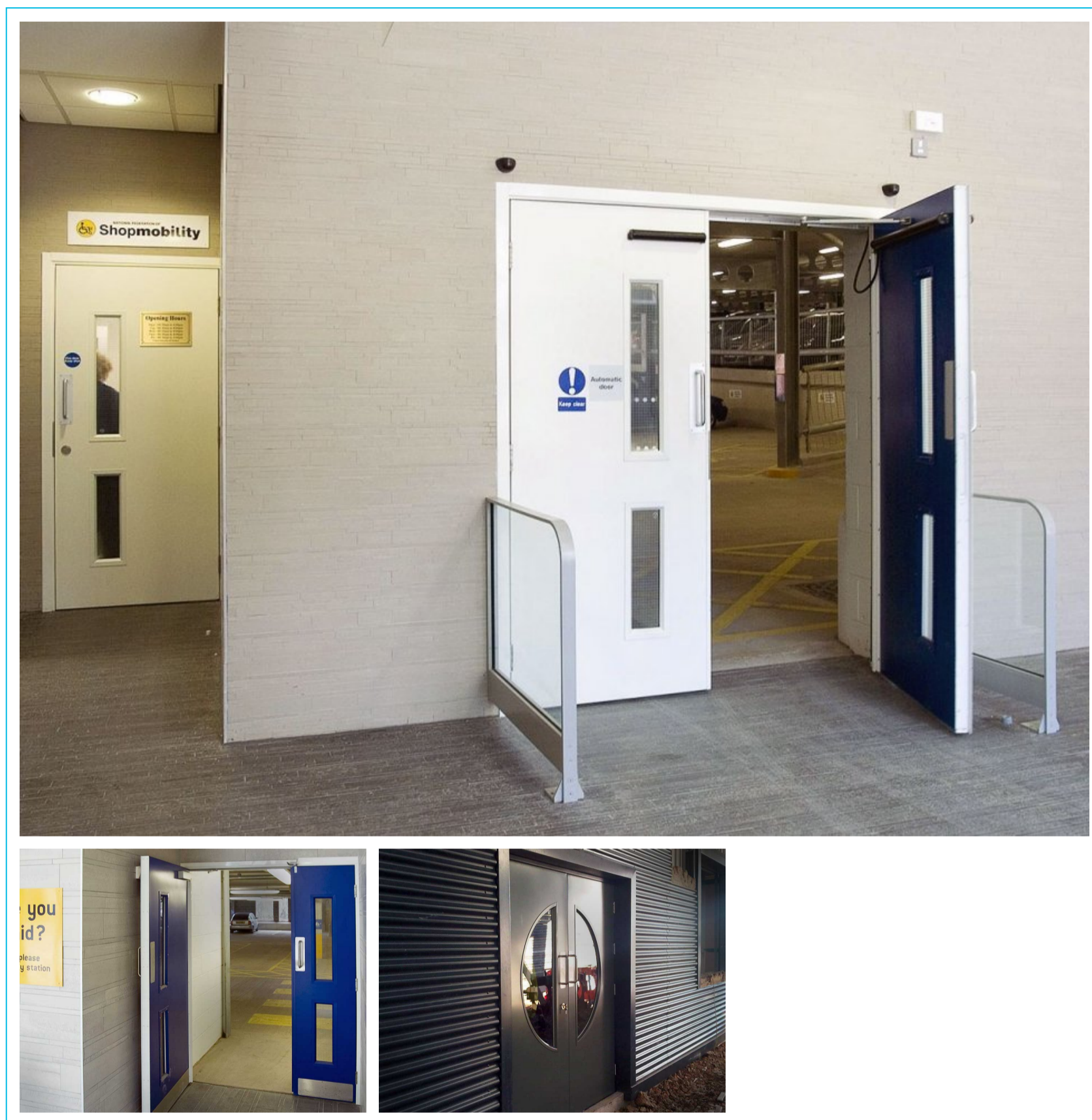
Doorset

Technical Specifications



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Fireguard FD01 Fire Resisting Steel Doorset



Pedestrian fire resisting steel doorset that prevents the spread of fire whilst providing high security. Bespoke manufactured, it can be specified with a range of fire Integrity (E) from 60 to 240 minutes. Fully optimisable with factory-fitted range of vision panels, hardware, finishes and ironmongery. Compliant to fire regulations BS 476 Part 20 & 22, BS EN 1634 and CERTIFIRE.

Product Compliance

- Tested and compliant to BS 476-22, BS EN 1634-1:2008, BS EN 1634-3:2014*
- Defined as BS EN 12519:2018
- Full CE Compliance including CE marked to BS EN1321-1:2003* (Conformity certificates on request)
- CERTIFIRE Certified
- Complies to Document Part M Building Regulations 2004
- U Value specification up to 1.8W/m²K

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- Compliance to Disability Discrimination act (DDA)
 - Optional increased specification for security and acoustic ratings when required
- *UK Legal requirement from 1st November 2019

Components Included

Standard components included: door leaf, door frame, door hinges, panic hardware, threshold, door closure, seals.

Choice of primer or 75 standard powder coat finishes.

Additional specification levels and optimisable components available on request.

Leaf Size & Arrangement

Made to measure fire resisting steel doorsets available in a single, single and a half or double leaf.

Single leaf doors width range 690 mm to 1340 mm

Double leaf doors width range 1000 mm to 2600 mm

Height range per door leaf 1500 mm to 2800 mm

Larger structural openings can be accommodated by the use of side panels and over panels.

Stock Sizes:

Single Door 900 mm (W) x 2100 mm (H)

Double Door 1780 mm (W) x 2100 mm (H)

Fire Integrity (E)

Fire resistance to 60, 120, or 240 minutes (BS EN 1634-1:2014)

Security

Single doors have a modular mortice lock.

Double doors have an additional flush bolt to inactive leaf.

Optional Security level specification where required: LPCB accreditation Level 2, 3 or 4 (LPS 1175:Issue 8.0)

Acoustic Rating

As standard 28 dB, additional optional specification acoustic levels where required: 35 dB, 45 dB or 50 dB.

Operation

Standard manually operating door.

As standard, all doorsets are supplied with fire rated door closers in silver finish for regulation compliance.

Door Leaf

The Fire resisting steel doorset leaf has a thickness of 48mm with an interior honeycomb core as standard.

For superior thermal and acoustic insulation, rock wool may be specified as an option for external applications. U values up to 1.8W/m²K are specifiable.

Frame & Architraves

The door frame is manufactured from 1.5mm folded Aluzinc steel with fixed reveal. Offered in Type A, Type B, Type C and Type D frame options.

Supplied with a variable sub frame to allow up to 30mm tolerance for site installations. Range of frames options to allow for internal or external installation of architrave.

Glazing

Optional choice from a full range of vision panel and louvre configurations available, providing compliance to Document Part M Building Regulations 2004.

Threshold

Supplied as standard with a 15mm stepped threshold for compliance to Disability Discrimination act (DDA)

Ironmongery

The frame is fitted with 4 off Class 13 stainless steel ball bearing hinges with security dog bolts. As standard the doorset is fitted with EXIDOR/BRITON 200 series panic hardware in silver finish. Alternatives specifiable as an option.

Finish

As standard, these doors are offered with primer finish or in a choice of 75 standard Powder Coat colours.

Specification of any BS or RAL colour is available at additional cost.

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Seals

As standard, complete with fire resisting door seals.

Installation

The FD01 is suitable for internal or external applications.

HAG provides full installation, repair and maintenance for the Fireguard FD01 Fire Resisting Steel Doorsets anywhere in the United Kingdom.

Product specification may change and it is advisable to consult with HAG technical advisors before specifying or ordering. HAG operates a policy of continuous improvement.
