Fireguard FG01, FG02 & FG04 Fire Shutter

Technical Specifications

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Operating automatically during an emergency, the Fireguard range of fire shutters also provides a high level of security. Offering capabilities of 60, 120 & 240 minutes of fire protection, depending on specification. Tested to BS EN 1634-1 and compliant BS EN 16034:2014. Galvanised steel finish with powder coating available at additional cost. Recommended maximum width 10,000 mm. FIRAS INSTALLATION CERTIFIED

Government legislation changed 1st November 2019.
All new fire shutters must be: Fire tested and compliant to latest standard BS EN 16034:2014 & CE Marked to BS EN 13241-1:2003
Products Tested to 2008 Certification will be prohibited by law.

Product Overview

Description

The Fireguard FG roller shutters are a range of fire protection barriers that automatically operate in an emergency situation once a signal is received from a fire alarm system. The Fireguard FG Range is a fire roller shutter that can be specified as:

- 1 hour fire protection. FG01
- 2 hour fire protection. FG02
- 4 hour fire protection. FG04

Constructed to the latest safety standards BS EN 1634-1 & compliant to BS EN 16034:2014 this electric roller shutter is manufactured from 76mm cold rolled 20 gauge galvanised steel sections.

fireguard fg01 diagram

The fireguard FG shutters are safety device's that form a protection barrier against the spread of property fire for up to 4 hours and can be linked to many closing requirements such as audio alarm, visual beacon, time delay or subject to local fire officers advice. Tested Report Number WF396695 – BS EN 16034:2014

Common use

The Fireguard FG Range roller shutter is best used in kitchen servery areas, warehouses, commercial areas here fire segregation is needed yet walk through or general day to day access is required.

Maximum Width

10000mm

Dimensions

Normally 76mm x 0.71mm

Weight

11.32kg per square metre (dependent on size)

Finish

Galvanised bright rolled mild steel but polyester powder coat colours are available at additional cost.

Shutter Box Specification

Construction

1.5mm bright spangle galvanised pressed steel coil casing available in various different designs to suit individual circumstances.

Box sizes

Overall height (top of box)
Up to 3500 mm box size 350 mm
Up to 4250 mm box size 375 mm
Up to 5250 mm box size 400 mm
Up to 6000 mm box size 450 mm
Up to 8000 mm box Size 600 mm

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On larger widths the box sizes may move up one size due to deflection.

Finish

Galvanised steel standard, polyester powder coat colours are available.

Barrel Support Brackets

Barrel Support Brackets must be installed subject to size and fire integrity required.

Rail Construction

63 mm x 32 mm x 3 mm – 100 mm x 32 mm x 3 mm dependent on width and height.

Finish

Galvanised steel standard polyester powder coat colours are available.

Operation

Electrically operated through industrial grade 1 phase motor controlled by up/stop/close controller. Auto Reset solenoid for integration with fire alarm to enable the motor to automatically unbrake and close under controlled decent. FCP03 Fire panel which can be interconnected to the Fire Alarm to allow closing when receiving fire signal. Audio visual warning and timer delay. Further safety devices are available, dependent on requirements and operational circumstances.
Important note: Maintenance of fire shutters is required under the Regulatory Reform (Fire Safety) Order 005 for companies. Failure to do so may invalidate insurance cover and building fire certification under the control of the local fire officer.
It is essential that the structural surround to the opening has a fire rating of at least the equivalent to the fireguard product specified and is sufficient for fixings to ensure fully compliant installation.

FIRAS INSTALLER CERTIFICATION SCHEME

HAG Is accredited to install this fire protection product by Warrington fire through its FIRAS installation certificate scheme.
FIRAS is the mark of endorsement of competency in the installation of products and systems, vital for achieving the protection required and is accredited by UKAS to BS EN ISO/IEC 17065:2012.
Insurances could be invalid if proof of a competent product installer is not verified.

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.