

# Fireguard FG01, FG02 & FG04

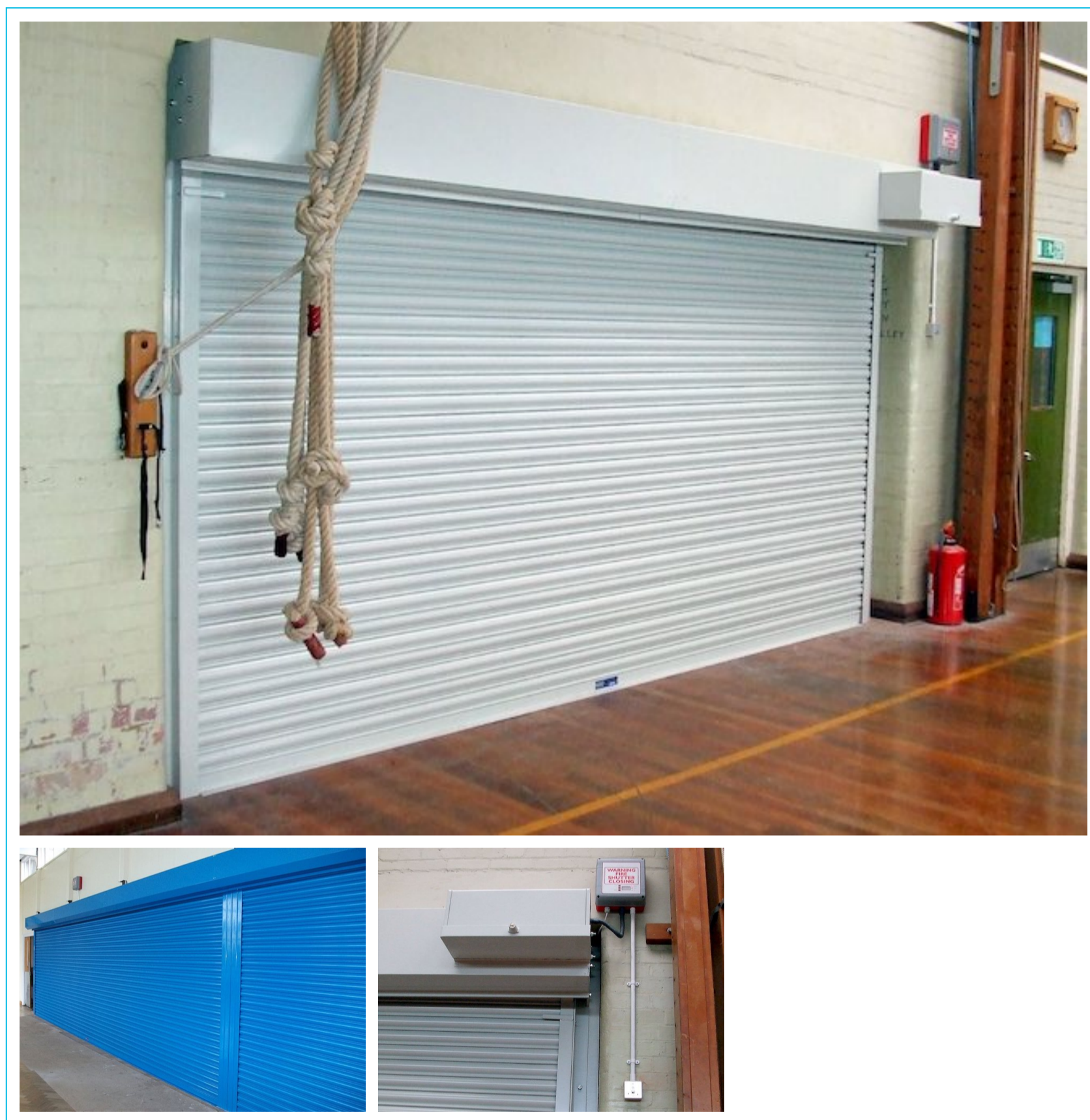
## Fire Shutter

Technical Specifications



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## Fireguard FG01, FG02 & FG04 Fire Shutter



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 12,000 mm.

**Government Legislation changing 1<sup>st</sup> 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!**

# Fireguard FG01, FG02 & FG04 Fire Shutter

## 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.

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 survey areas, warehouses, commercial areas where fire segregation is needed yet walk through or general day to day access is required.

### Maximum Width

12000mm

### Dimensions

Normally 76mm x 0.71mm

### Weight

11.32kg per square metre (dependant on size)

### Finish

Galvanised bright rolled mild steel but polyester powder coat colour's 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 3500mm box size 350mm

Up to 4250mm box size 375mm

Up to 5250mm box size 400mm

Up to 6000mm box size 450mm

Up to 8000mm box Size 600mm

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

63mm x 32mm x 3mm – 100mm x 32mm x 3mm Dependant on Width and Height.

### Finish

Galvanised steel standard polyester powder coat colours are available.

# Fireguard FG01, FG02 & FG04 Fire Shutter

## 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, dependant 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.

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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.

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