

# FIREGUARD HF240

## FIRE CURTAIN

### Technical Specifications

**HAG**

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## FIREGUARD HF240 FIRE CURTAIN

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### PRODUCT OVERVIEW

The Fireguard HF240 Fire Curtain is a premium fire resisting curtain giving 240 minute fire protection with the added benefit of 30 minutes irradiance shield.

Tested and compliant to the latest European standards BS EN 16034. This adaptable fire curtain can be installed in suspended or solid ceilings. Widths up to 20 metres wide can be obtained by overlapping curtains. CERTIFIRE approved.

Please also see our alternative products [HF60](#) and [HFS Plus](#).

### HOW WE RATE THIS DOOR

- ★★★★★ Fire Protection
- ☆☆☆☆☆ Smoke Protection
- ☆☆☆☆☆ Security Protection

## COMMON APPLICATIONS

- Airports
- Bars & Restaurants
- Distribution Centres
- Elevator Shafts
- Food & Beverage Premises
- Hospitals

## PRODUCT SPECIFICATION

### PRODUCT COMPLIANCE

- Fire Integrity (E) 240 minutes
- Radiation Performance (EW30) 30 minutes
- Self-Closing
- Tested and compliant to BS EN 1634
- Compliant to BS EN 1363-1:1999
- Compliant to BS EN 1363-2:1999
- Compliant to BS EN 12101 Annex B
- Compliant to EN13501-2:2007 + A1:2009
- Full CE Compliance (conformity certificates on request)
- CERTIFIRE Certified
- Complies to Document Part M Building Regulations 2004

### COMPONENTS INCLUDED

Components included as standard: Curtain, Guides, Bottom Rail, Box, Battery Backup, Control Unit, Motor.

Choice of primer or 75 standard powder coat finishes.

Additional specification levels and optimisable components available on request.

### ARRANGEMENT

The Fireguard HF240 Fire Curtain is flexible in its installation. It can be Face or Reveal Fix to Steel, Masonry, Hardwood or Fire Boarded Softwood.

When application requires this fire protection system to be unseen the HF240 can be installed in suspended or solid ceilings.

## CURTAIN MATERIAL

The curtain is manufactured from a Woven Fibreglass and Stainless Steel Fabric with a coating of Intumescent Silicone.

Metal studs are sewn into the side of the curtain to ensure its correct position in the guide frames whilst in operation.

## GUIDE RAILS

This Fire Curtain has two galvanised steel side guide rails of 100 mm x 50 mm.

## HEAD PLATES

Two galvanised steel head plates hold the shaft with the curtain, sizing dependent upon the height of the application.

Up to 4 metres high, 180 mm x 180 mm.

Over 4 metres high, 210 mm x 210 mm.

## HEAD BOX

The Fire Curtain assembly comprises of a box housing at high level in which sits the shaft, motor and wrapped Curtain. The box is attached to channel section guides at each end.

## BOTTOM RAIL

A galvanised steel 'Bell' bottom rail provides the weight necessary for the curtain to self-close.

## OPERATION

The system is held in the open position by a Single Phase Electric 24v DC Motor. When a fire is detected or power is lost the motor will disengage and allow the Gravity Failsafe to activate.

## CONTROLS

The Fireguard HF240 Fire Curtain system is supplied with gravity failsafe control panel with in-built lead-acid battery support.

## CONTROL OPTIONS

Dependent on the site fire protection requirements, various options are available to ensure compliance:

- Audio/visual warning devices
- Emergency retract switches
- Split drop & delayed drop programmes
- Beam sensors

## FINISH

Head box, guides and bottom rail are galvanised at source and can be powder coated as required to any standard RAL or BS4800 colour.

Fire curtains are naturally silver grey or charcoal finish, dependent on specification.

## OPTIONAL EXTRAS

Silicone optical resin rescue vision windows can be specified, which allow emergency services to see into the area for rescue purposes. Positioning can be either at high or low level and will withstand direct flame at temperatures up to 1065 °C for periods of up to 2 hours.

Other optional extras include:

- Split drop
- Delay on alarm
- Beam sensor
- Emergency retract switches
- Smoke seals
- Visual alert system

## INSTALLATION

These fire resisting curtains are suitable only for internal applications.

HAG provides full installation, repair and maintenance for the Fireguard HF240 Fire Curtain anywhere in the UK.

## MAINTENANCE

Regular maintenance is required for all safety products by Law. Competitive maintenance contracts are available on request.

*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.*