



FIREGUARD HF60 FIRE CURTAIN Technical Specifications

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FIREGUARD HF60 FIRE CURTAIN

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PRODUCT OVERVIEW

The Fireguard HF60 Fire Curtain delivers 60 minute fire protection. The system's built-in self-closing mechanism links to the building's emergency fire protection systems. Its specially coated glass fibre curtain prevents the spread of fire and protects main escape routes.

Single curtains up to 5000mm (W) and 6000mm (H), or overlap multiple curtains to achieve widths up to 20m. CERTIFIRE approved.

Please also see our alternative products [HF240](#) and [HFS Plus](#) which offer longer fire and irradiance protection.

HOW WE RATE THIS DOOR



Fire Protection



Smoke Protection



Security Protection

COMMON APPLICATIONS

- Airports
- Distribution Centres
- Hospitals
- Bars & Restaurants
- Elevator Shafts
- Kitchen Servery Hatches

PRODUCT SPECIFICATION

PRODUCT COMPLIANCE

- Fire Integrity (E) 60 minutes
- Self-Closing
- Compliant to BS 476: Part 20: 1987
- Compliant to BS 476: Part 22: 1987
- 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

Standard components included: Curtain, Guides, Bottom Rail, Box, Battery Backup, Control Unit, and Motor.

Choice of primer or standard powder coat finishes.

Additional specification levels and optimisable components available on request.

ARRANGEMENT

The Fireguard HF60 Fire Curtain allows for an adaptable installation as it can be installed Face or Reveal Fix to Steel, Masonry, Hardwood or Fire Boarded Softwood.

The HF60 can be installed in suspended or solid ceilings if the application requires this fire protection system to be unseen.

CURTAIN MATERIAL

The curtain is manufactured from a Woven Fibreglass and Stainless Steel Fabric and coated in Intumescent Silicone.

To ensure its correct position in the guide frames whilst in operation, metal studs are sewn into the sides of the curtain.

GUIDE RAILS

The Fireguard HF60 Fire Curtain has two galvanised steel guide rails of 100 mm x 50 mm.

HEAD PLATES

Two galvanised steel head plates hold the shaft with the rolled curtain. The size of these plates is dependent on 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. Inside of this sits the shaft, motor and rolled 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

Single Phase Electric through a 24v DC Motor holds the system in the open position. When a fire is detected or power is lost the motor will disengage, allowing the Gravity Failsafe to activate.

CONTROLS

The Fireguard HF60 fire curtain system is supplied with a Gravity Failsafe Control Panel with In-Built Lead-Acid Battery support.

CONTROL OPTIONS

Various options are available to ensure compliance with individual site fire protection requirements:

- 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 have natural Silver Grey or Charcoal finish, dependent on specification.

OPTIONAL EXTRAS

Silicone optical resin rescue vision windows are available, allowing emergency services to see into the area for rescue purposes. Able to withstand direct flame at temperatures up to 1065°C for periods of up to 2 hours, these can be positioned at either high or low level.

Additional extras include:

- Split Drop
- Delay on Alarm
- Beam Sensor
- Emergency Retract Switches
- Smoke Seals
- Visual Alert System

INSTALLATION

These fire resisting curtains are suitable for internal applications.

HAG provides full installation, repair and maintenance for the Fireguard HF60 Fire Curtain anywhere in the United Kingdom.

MAINTENANCE

Regular maintenance is required for all safety products by Law. Competitive maintenance contracts 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.