Fireguard HS120Smoke Curtain

Technical Specifications

HAG

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Fireguard HS120Smoke Curtain

The Fireguard HS120 Smoke Curtain is a smoke barrier, and is tested up to 600 degrees C. Highly adaptable, this smoke protection system can be specified as fixed or automated to protect escape routes. The Smoke Curtain can be manufactured with no maximum width, and can be installed discreetly for low headroom requirements. CERTIFIRE approved.

Product Compliance

– Smoke Safe (D) 120 minutes
– Compliant to EN12101-1:2005 & A1:2006

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– Compliant to Annex B – Cycle test
– Compliant to Annex C – Smoke Leakage to Fabric.
– Compliant to ASB 1 and ASB 3 classified
– Self-Closing
– Full CE Compliance (Conformity certificates on request)
– CERTIFIRE Certified
– Complies to Document Part M Building Regulations 2004

Components Included

Components included as standard: Curtain, Bottom Rail, Box, Battery Backup, Control Unit, Motor, and Smoke Seals.
Choice of primer or standard powder coat finishes.
Additional specification levels and optimisable components available on request.

Arrangement

The Fireguard HS120 Smoke Curtain is adaptable in its installation. It can be installed Face or Reveal Fix to Steel or Masonry.
The HS120 can be installed in suspended or solid ceilings if the application requires this fire protection system to be concealed.

Curtain Material

The curtain is manufactured from a Woven Fibreglass and Stainless Steel Fabric, coated in Intumescent Silicone.
To ensure its correct positioning in the guide frames whilst in operation, metal studs are sewn into the sides of the curtain.

Head Plates

Two galvanised steel head plates hold the shaft with the rolled curtain, sizing dependent on the height of the application.
Up to 3 metres high, 180 mm x 180 mm
Over 3 metres, dependent on specification.

Head Box

The Smoke Curtain assembly comprises of a box housing at high level. Inside of which sits the shaft, motor and wrapped curtain.

Bottom Rail

A galvanised steel ‘T’ 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 smoke is detected, or power is lost, the motor will disengage and allow the Gravity Failsafe to activate.

Controls

The Fireguard HS120 Smoke Curtain system is supplied with a gravity failsafe control panel with in-built lead-acid battery support.

Control Options

Various control options are available to ensure compliance with specific site fire protection requirements:
– Audio/Visual Warning Devices
– Emergency Retract Switches
– Split Drop & Delayed Drop Programmes
– Beam Sensors

Finish

Head Box, Bottom Rail are galvanised at source and can be powder Coated as required to any standard RAL or BS4800 colour.
Smoke Curtains are naturally silver grey or charcoal finish, dependent on specification.

Optional Extras

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– Split delay drop
– Side guides

Installation

These smoke resisting curtains are suitable for internal applications.
HAG provides full installation, repair and maintenance for The Fireguard HS120 Smoke Curtain system anywhere in the UK.

Maintenance

Regular maintenance is required for all safety products by law. 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.