

## Smoke Curtain - HS120

A 2 hours smoke protection barrier tested up to a temperature of 600oC, this system can be specified as fixed or automated so to compartment, channel and protect escape routed from smoke.

The curtain can be continuous, with no maximum width and can be installed discreetly for low head room requirements. The SM120 achieves DA classification and is tested to EN12101-1:2005 & A1:2006.

Maximum Height 9000mm

## How we rate this door

Security Rating N/A

Fire Rating N/A

Smoke Rating 4 Star

## Commonly used

Escalators

Lifts

Stair wells

Lobbies

Corridors

Roof Voids

## Spec

### Specification of Build:

#### Smoke Integrity E120

The Fire Curtain assembly comprises of a Box Housing in which sit the Motorised Barrel and wrapped Curtain. The Box is attached to Channel section Guides at each end – these Guides are the main fixing point for the entire system.

The curtain is manufactured from a Woven Fibreglass and Stainless Steel Fabric, in many cases this is coated with Intumescent Silicone.

Guide Rails: 100mm x 50mm Galvanised Steel – All Sizes

Head Box: Up to 4m high = 180mm x 180mm / over 4m = 210mm x 210mm – All Galvanised Steel

Bottom Rail: Bell or Tee formed from Galvanised Steel

### Operation:

Single Phase Electric through 24v DC Motor

## **Controls:**

All Systems supplied with Gravity Failsafe Control Panel with In-Built Lead-Acid Battery support.

## **Control Options:**

Audio/Visual Warning Devices

Emergency Retract Switches

Split Drop & Delayed Drop Programmes

Beam Sensors

## **Typical arrangements:**

Face or Reveal Fix to Steel, Masonry, Hardwood or Fire Boarded Softwood.

## **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

Curtains are naturally Silver Grey or Charcoal finish, dependant on specification.

## **Maintenance:**

Regular maintenance is required for ALL Safety Products by Law – Maintenance contracts available on request.