



 **UK ROLLER SHUTTERS**
SUPPLIER & FITTER OF ROLLER SHUTTERS

**F-SHIELD STANDARD
MODEL**

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F-Shield 120 Standard



PRODUCT DESCRIPTION

Unlike fire shutters, fire and smoke curtains offer a much more unobtrusive way of protecting the premises against the spreading of fire if the user is not concerned with security as well.

Furthermore, because the curtain is made from Kevlar and stainless steel thread that has been stitched or hemmed together, the curtain has very little airflow meaning it is very effective at containing smoke.

Able to withstand raging fires for up to 120 minutes, this is the perfect product hotels, flats, airports or anywhere where the curtain will only be deployed in the event of a fire and where smoke is a major concern.

IDEAL USES

- Domestic properties
- Hotels
- Anywhere where a regular shutter would be unsightly
- Any location where smoke resistance is key

KEY FEATURES

- Visually unobtrusive
- Protect against fire and smoke
- Extends building evacuation time
- Can reduce loss of life and property damage by giving emergency services time to respond

TECHNICAL SPECIFICATIONS

Curtain

Fire curtains are formed from a fire rated fabric 0.65mm thick, stitched and hemmed (were required) using Kevlar and stainless steel thread, the unique two section bottom rail allows smooth operation of the curtain.

Manufactured from galvanised steel and shaped into a channel profile which is prepared for bolting to the structure by means of continuous fixing angles.

Barrel

Fire curtain barrels are manufactured from mild steel tube, tube size dependant on the overall size of the unit and deflection calculated to conform to British Standards, the barrel is mounted on 20mm high speed bearings and is complete with an enclosed tubular motor either 240 volt AC or 24volt DC.

Safety Feature

Gravity fail safe, operable if there is a power failure or if the wiring becomes corrupt.

Guides

Fire curtain guides are constructed from 2.5mm mild steel plate in 2 sections, the front section of the guide is removable and allows repairs to be effected without dismantling the door. The guides are slotted for expansion.

Hood

The fire curtain hood is formed from 1.2mm galvanised steel plate and is slotted for expansion.

End plates

The fire curtain end plates are formed from 2.5mm plate depth of the plate is dependant on the overall height of the unit, the endplate has a formed motor compartment which will be packed with non combustibile material.

Finishes

The fire curtain is standard grey, the endplates, guides, hood etc., are powder coated RAL 9010 white as standard, other colours are available at an additional cost.

Operation

Electrically operated 1PH 240 volt AC or 24 volt DC

Usage

Although the fire curtain is provided with a key switch, it is not recommended for daily use.

Release Mechanisms

Linked to the fire alarm as standard other means of activation available are fusible link, smoke detector etc.

OPTIONS AND VARIATIONS

Electric

P250 Panel - When the fire alarm is triggered the curtain descends automatically

P100 Panel - When the fire alarm is triggered the curtain has a multi-stop descend feature

Manual

Not applicable

Finishes

Can be Polyester powder coated or plastisol coated in a range of standard RAL colours' for an extra charge.

ILLUSTRATIONS









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