



Technical Specification / Data Sheet

Product: LBS Fireguard TM75

Supplier

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Application

LBS FIREGUARD Fire resisting rolling shutters are designed to provide up to 4 hours integrity rating and tested & approved to BS476: part 22:1987 and BS EN 1634-1:2008 The Fire Resistance Performance of Shutters
For openings up to 6m overall width and 3m overall height to a maximum area of 20 m²

Performance

Fire resistance: up to 4-hour fire resistance BS476: Parts 20 & 22 (1987)
BS EN 12604 (2000) Mechanical aspects – Requirements
BS EN 12453 (2001) Safety in use of power operated doors – Requirements
BS EN 12206-1 (2004) Application of architectural powder coating
Declaration of Conformity in accordance with the Construction Products Directive 89/106/EEC
Declaration of Incorporation in accordance with the Machinery Directive 98/37/EC
Declaration of Conformity in accordance to LPS 1056: Issue 5 (Requirements and tests for fire doors, lift landing doors and shutters.)

Arrangement

Vertical roller curtain for face / reveal fixing

Barrel / End Plates

Suitable mild steel tube as necessary finished with one coat rust inhibitive primer
Mild steel plates finished with one coat rust inhibitive primer

Curtain

75mm traditionally curved galvanised steel interlocking laths with steel endlocks and pre-formed bottom rail

Guides

Vertical guide channels with track retaining system that prevents the curtain from dislodging from the guide under heat or ventilation pressure

Coil Casing

3-sided galvanised steel coil casing and fascia where required

Finish

Standard finish is self-finish galvanised steel curtain with primed guides with mounting angles as required
These can be supplied in standard stock Polyester powder coat stock RAL colour

Operation

Electrically operated shutter operated via integral tubular motor with UPS battery backup under controlled descent and having a removable hand-crank to enable the shutter to be opened in the event of power failure.

A fire relay is provided which is be linked into the fire alarm (by others) using a volt-free signal.
On receipt of an incoming fire alarm signal the door will close under powered descent

A Fire control panel can be provided giving timed delay and audio and visual warning. This is activated when the panel receives a fire alarm signal (volt free).
On activation from the fire alarm, the unit starts to flash and omit an audible warning with the shutter closing after a pre-determined delay of 10 to 240 seconds
A repeated visual unit is available to be positioned on the opposite side of opening for those with hearing difficulties

LPS 1056: Issue 5 (Requirements and tests for fire doors, lift landing doors and shutters)

To test closing and reset leaving in working order and provide Certificate of Conformity

Other LBS Fire Resistant products include

Fireguard FM75	Fire shutter for larger openings up to 10m wide / 7m high (max 49 m ²) and beyond with BRE Global site-specific assessment
Fireguard FM100	Insulated steel rolling shutter providing heat radiation shielding (Irradiance 2.7kW/m ²)
Fire Curtains	Automatic fire & smoke control curtains with SmokeSeal option
E160 Insulated sectional doors	Provide 240 minutes fire resistance (integrity) and 60 minutes insulation
Fire resistant steel doors	Steel hinged doorsets providing up to 240 minutes protection

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