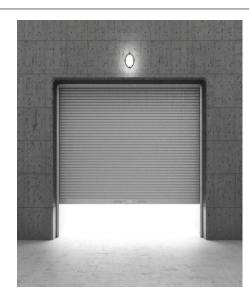


Product Specification

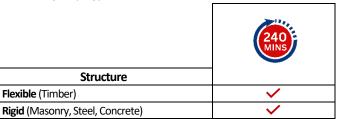
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Flameshield FS240JM Fire Shutter

- BS EN 1634-1
- BS EN 16034-2014
- Classification Report WF422883
- EXAP to BS 15269-10 WF422881
- BS EN 13241 2812-CPR-RA5009
- Masonry and Steel Structure Tested. WF421378
- Timber Structure Tested WF421972
- CE Marked



Our Flameshield FS240JM, certified for both rigid and flexible apertures, provides fire protection and compartmentation for various types of applications. Fire shutters are essential for ensuring the safety of occupants and limiting the spread of fire damage to a building in the event of a fire emergency. Our Flameshield FS240T fire shutters are CE Marked, constructed in line with fire testing to BS EN 1634-1 and in full compliance with BS EN 16034:2014.

The Flameshield FS240JM Fire Shutter can be operated by key switch via a single phase internal tubular motor. Made from interconnecting 76mm galvanised steel scrolled lath, mild steel box housing, galvanised steel guide rails, end plates and T section bottom rail. It is designed for both face fix and reveal fix installation. All visible steel work can be polyester powder coated to any RAL or BS colour.

Upon receipt of a fire signal the Flameshield FS240JM will commence a controlled descent, 2-stage closing can be provided via use of an audio-visual panel. This shutter can also be provided with a manual override/crank handle to operate the product on loss of power.

Sizes		
	Minimum (mm)	Maximum (mm)
	E00mm	0000*

Height	500mm	9000*
vviatn	5901111	9000

Minimum and maximum sizes dependant on specification will vary according to integrity rating, please contact our team to check for confirmation.

	Key Features			
\checkmark	Bespoke sizes	~	Easy to Fit	
\checkmark	Discreet design	\checkmark	Variable hood configurations	
~	Symmetrical design of guide offsets	\checkmark	Fixing kits Supplied as Standard	
~	Can be used as a standard shutter	~	Bespoke colours available on request	
0	Fire Shutter Specifications			
22mi	ins are constructed from 76mm curved steel scroll laths, 20 or n gauge, interlocked with steel end locks and galvanized "T" on bottom rail.	180	gle and three-phase motors capable of lifting doors up to DOKg's with rapid set limit switches and incorporating a low-leverride system with a controlled descent. Each JM motor is	
 The curtain, guides and angles are galvanized, angles, barrel and end plates are painted. 		supplied with a built-on PCB controller and a low-level open/stop/close push button. Open, close and two safety limits a standard.		
Ð	Additional Extras			
RAL	or British Stand polyester powder coating finish.	• Rej	peater (Slave) panel or Sounder Beacons	
Audio	Audio Visual Panels (FCP-01 or FCP03).		nergency manual override facility.	
Range of different push buttons.			otor hood (Mandatory for Fire Shutters less than 2.5m in clear	

Single Phase or Three Phase Options

- height).
- **UPS** Options

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1	Technical Drawings	2	Hood		
Full technical CAD) drawings available		swg steel sheet, with the top leg slotted for expansion. e fire rating of the shutter (1HR, 2HR and 4HR) and the size of		
3	End Plates	4	Guides		
the shutter, which 2 off fixings are re	e fixed to a steel fixing angle which spans the full height of h in turn is fixed back to the wall construction. A minimum of equired, the fixing shall be along the full height of the fixing Iditional fixing adjacent to the end plate spaced equidistantly of the end plate.	mild steel angle (straight channel galvanized guide mounted on 75mm x 50mm (minimum). For shutters of increased width, we allow for ne depth of each guide rail shall be increased dependent on n.		
5	Barrel	6	Release Mechanisms		
Barrel manufactured from mild steel tube, tube size varies based on the overall width and height of the curtain and the gauge of laths. The tube wall thickness varies dependent on the width of the shutter, the barrels are mounted on bright steel shafts varying from 18mm to 30mm dependent on the overall size of the shutter, the shafts have mild steel bearing blocks at non		within the motor comes complete	oor is carried out by activation of brake release solenoid unit Inkedtothe fire alarm to allow closure from a fire alarm signal up for secondary safety method.		
geared end and ir	ndustrial motor at the geared end.	alarm, this unit o	dio Visuals Panels are available, again to be linked to the fire ffers the facility of a timed delay, these flash and sound to e shutter is closing.		
Ø	Warranty	X	Maintenance		
Industry standard misuse by others.	l 12 months parts and labour warranty. Excludes damage and	for compani kept. • V • 6 e • A	equirement under The Regulatory Reform (Fire Safety) Order 20 es to ensure fire safety equipment is maintained and a record Weekly: Check all the system for correct operation 5 Months: Inspections and test of the systems by a competent engineer Annually: Full inspections and testing adjustment, lubrication, epair, and cleaning' of the systems by a competent engineer.		
Component	ts				
2	3 Way Up/Stop/Down Pushbutton unit				
	Product details: robust housing, timeless design, protection class IP54, Surface mounting				
	•		evel override system with a controlled descent. Each JM n button. Open, close and two safety limits as standard.		