

Single Skin Fire Roller Shutters (FR-1H, FR-2H, and FR-4H)



Our single-skin fire shutters are a cost-effective solution for securing opening and compartmentalising against fire spread.

These shutters are constructed from 76mm curved steel and have been tested by WarringtonFire to provide fire resistance for 1, 2, or 4 hours, depending on your specific requirements and budget. It meets the standards BS EN 16034:2014 for fire resistance characteristics and BS EN 13241:2003 + A2 2016 for non-fire performance.

Curtain

Single skin 76mm curved steel.

Finish: Galvanised finish as standard. Plastisol/powder coating available on request (surcharge applies).

Slat Face: 76mm.

Weight per m²: 9.8kg.

Maximum Width: 12,000mm.

Maximum Area: 50m².

*Size limitations vary dependent on motor.

Guide Channels

Galvanised steel guides. Width of 65mm or 100mm.

Finish: Galvanised finish as standard. Option to powder coat any RAL/BS colour (surcharge applies).

Bottom Rail

Galvanised steel 'T' shaped bottom rail.



Enclosure/Housing

0.9mm Galvanised steel casing & end plates as standard. Reveal fix installations are supplied with a fascia as standard. **Finish:** Galvanised finish as standard. Option to powder coat any RAL / BS colour (surcharge applies).

Guide Height (mm)	Plate Size (mm)	
2695	305	tubular
4000	355	r
5000	400	tubular
6500	400	outboard
7000	450	outboard
8000	500	outboard

Plate sizes shown as a guide only and may vary.

Operation

Tubular Motor: Ellard tubular motor, audio-visual interface panel and battery back up facility.

Inline Motor: Single phase inline chain-driven motor (three phase option available) with push button control audio-visual panel, chain override, fusible link and solenoid release.

All fire shutters can be connected into fire alarms and building management systems as required.

Applications

Our fire shutters are tested and certified by WarringtonFire to EWCL5 and designed for commercial and service sites requiring a fire rating requirement to stop the spread of fire through an opening.

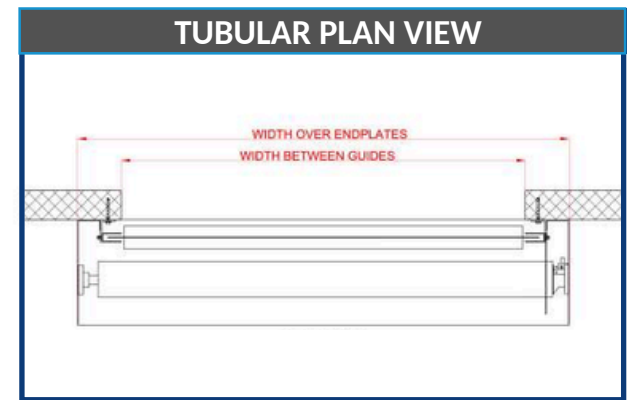
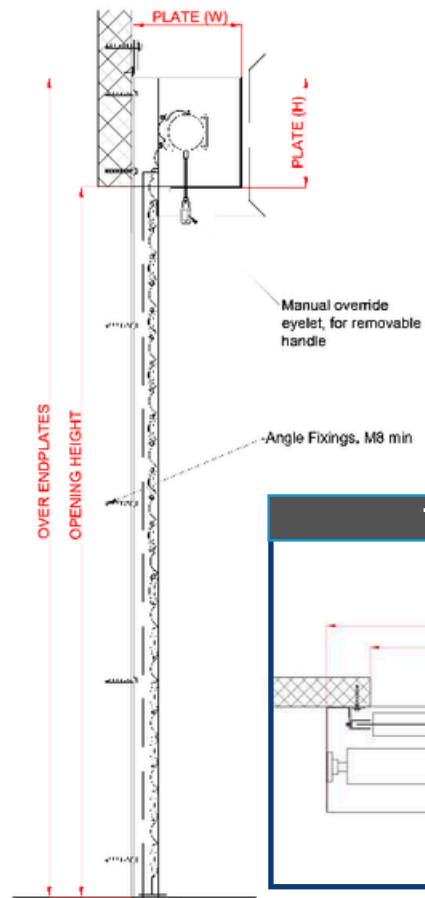
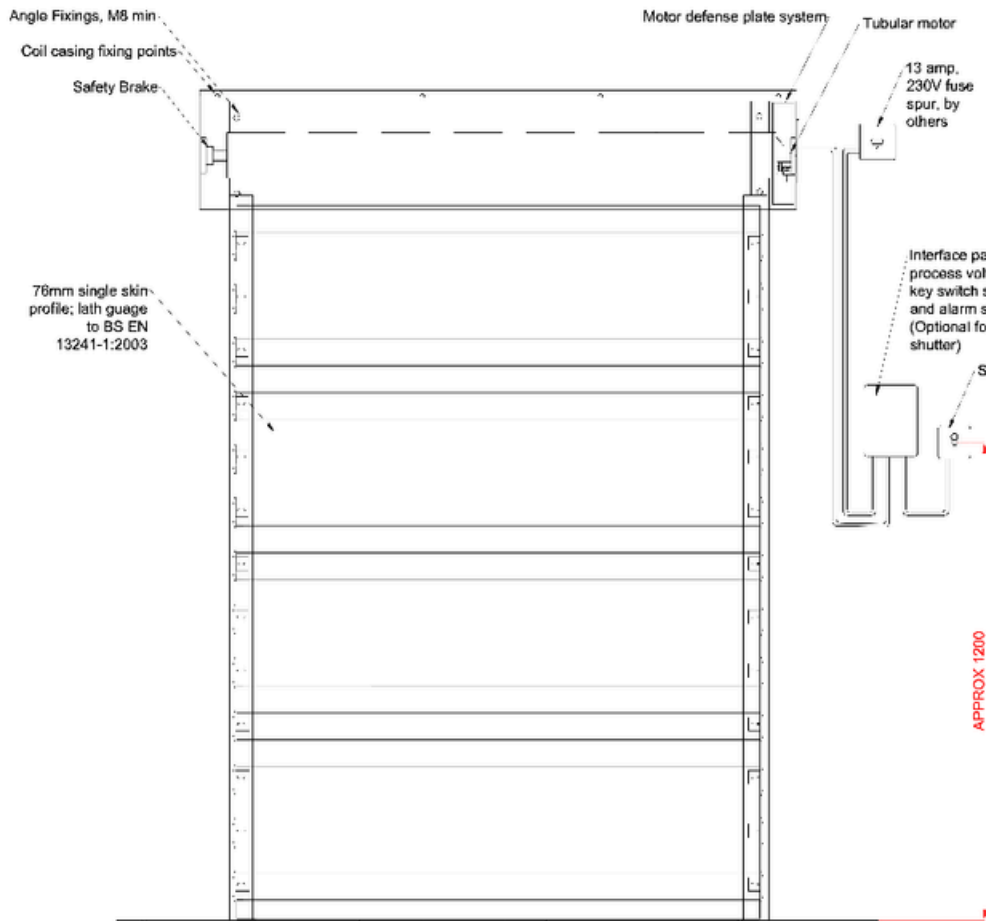
In the event of a fire alarm, the fire shutter automatically descends by operation of the motor and audio-visual panel. Common fire protection sites include canteens, shopping malls and transport facilities, but the nature of the roller shutter design also lends itself to providing an extra layer of security.

FR-1H, FR-2H & FR-4H



TUBULAR MOTOR

Face fit examples shown. Drawings will vary for reveal fit installations.



INLINE MOTOR

Face fit examples shown. Drawings will vary for reveal fit installations.

