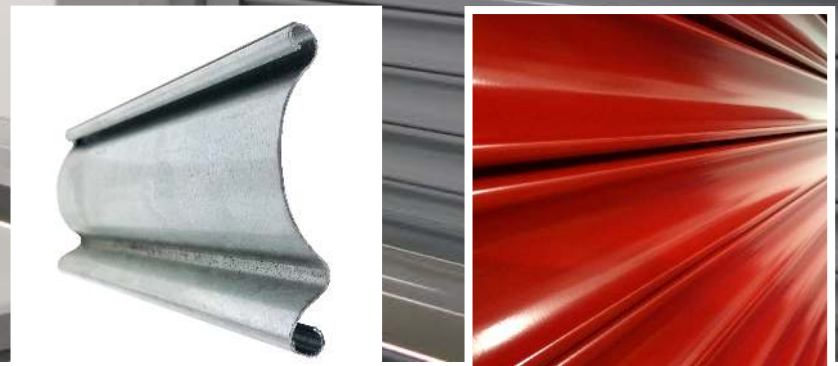


# FS240

## 4 HOUR RATED FIRE SHUTTER :: TECHNICAL DATASHEET



The FS240 fire shutter was tested by WarringtonFire and is certified by Element Materials Technology (Notified Body no. 2812) for 4 hours of fire protection (report no 419785 and extension report no 428745). It meets the standards BS EN 16034:2014 for fire resistance characteristics and BS EN 13241:2003 + A2 2016 for non-fire performance.



### APPLICATIONS

Aluroll Fireroll fire shutters are tested and certified by Warrington fire to EWCL5 and designed for commercial and service sites requiring a 2 hour 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.

### CURTAIN SLAT

Single skin 76mm curved steel with a thickness 0.7mm, 0.9mm or 1.2mm, depending on opening size.

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

Visible Face:	76mm
Weight per m <sup>2</sup> :	9.8kg
Maximum Width:	4000mm*
Maximum Area:	14.25m <sup>2</sup> *

Size limitations vary dependent on motor

### CASING

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.

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

All plate sizes are shown as a guide only.

### BOTTOM RAIL

Galvanised steel 'T' shaped bottom rail.

### GUIDE CHANNELS

Galvanised steel guide channels. Width of 65mm, 75mm or 100mm.

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

### OPERATION

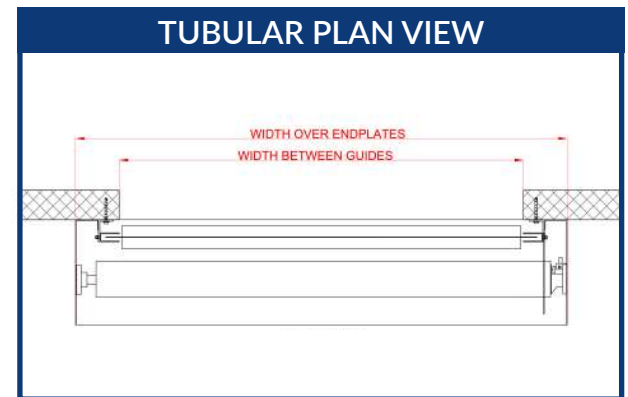
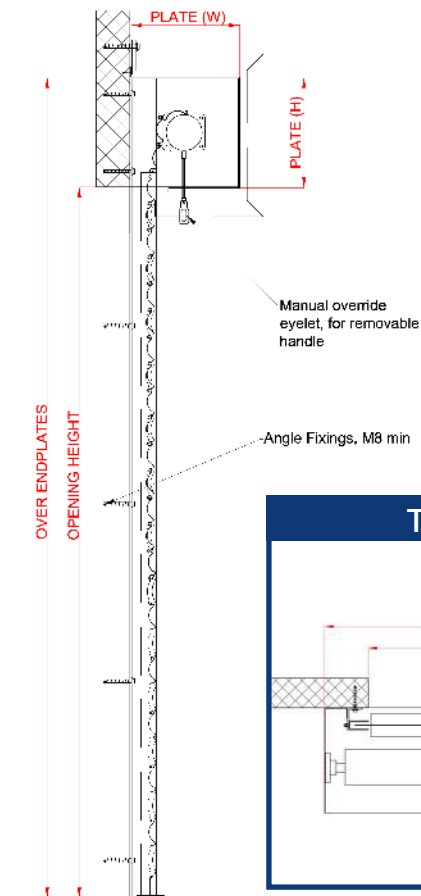
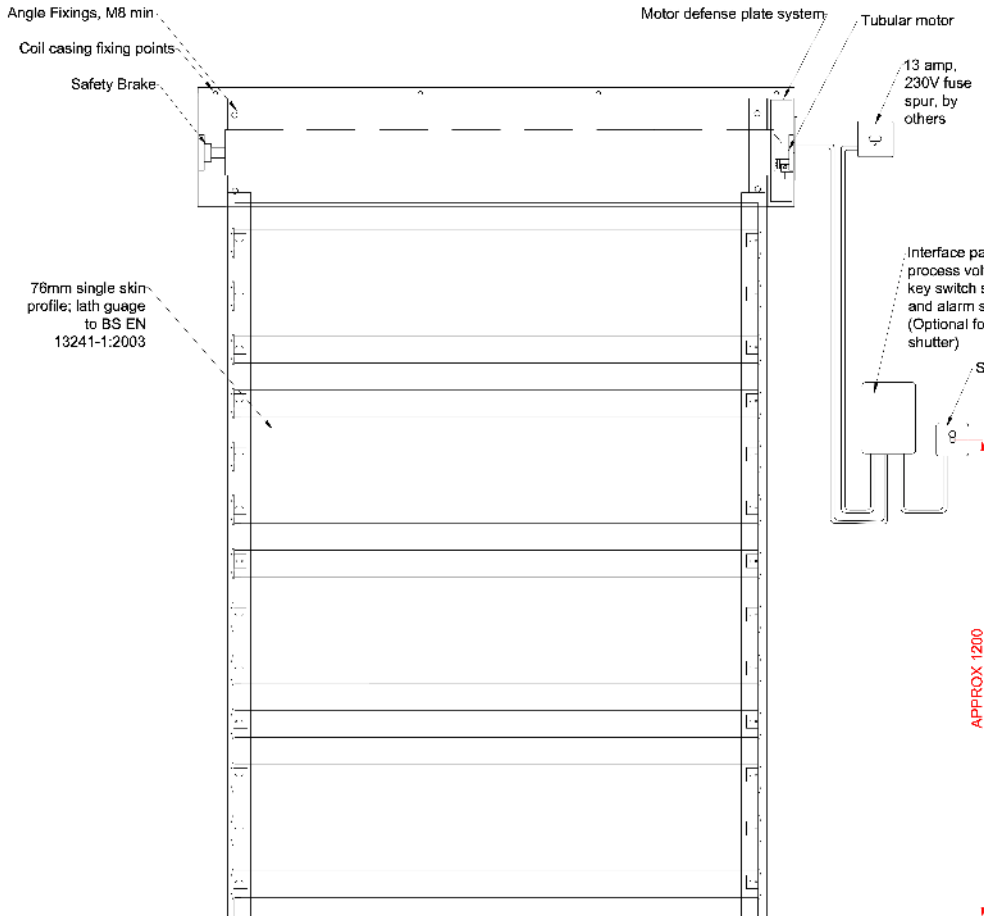
Tubular Motor (Limited sizes available): Ellard tubular motor, audio-visual interface panel and battery back up facility.

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

### TUBULAR MOTOR

Face fit examples shown. Drawings will vary for reveal fit installations.  
Tubular motor only suitable for limited sizes



### INLINE MOTOR

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

