FS120

2 HOUR RATED FIRE SHUTTER :: TECHNICAL DATASHEET

ALUROLL

The FS120 fire shutter was tested by WarringtonFire and is certified by Element Materials Technology (Notified Body no. 2812) for 2 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

The Fireroll FS120 fire shutter has been tested by Warringtonfire to ensure they maintain 120 minute integrity in the event of a fire. Fire shutters operate automatically in the event of an alarm signal, providing reliable compartmentalisation and enhancing safety and security.

Fusible link and solenoid release allow the shutter to automatically descend in the event of an emergency while a battery back-up ensures this function is maintained in the event of a power outage. All shutters can be integrated into a fire alarm system as required.

CURTAIN SLAT

Single skin 76mm curved steel.

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

Visible Face:	76mm
Weight per m²:	9.8kg
Maximum Width:	4000mm*
Maximum Area:	14.25m²*

*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 or 100mm.

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

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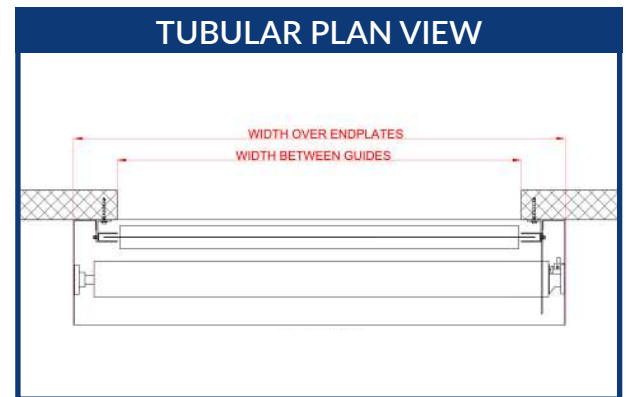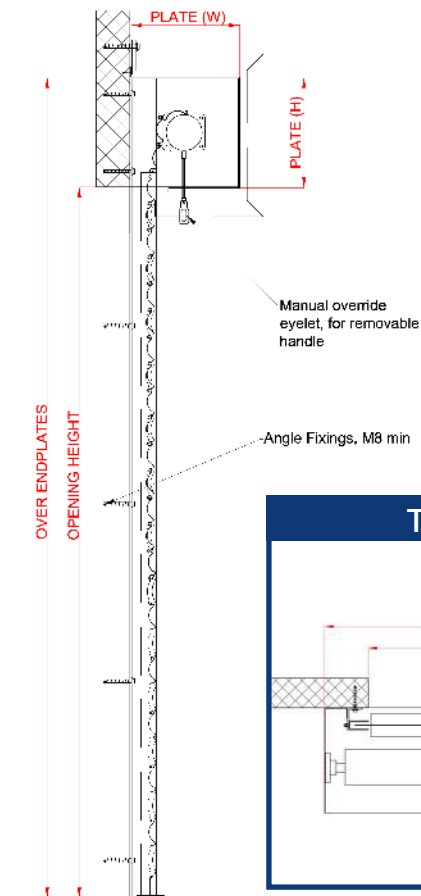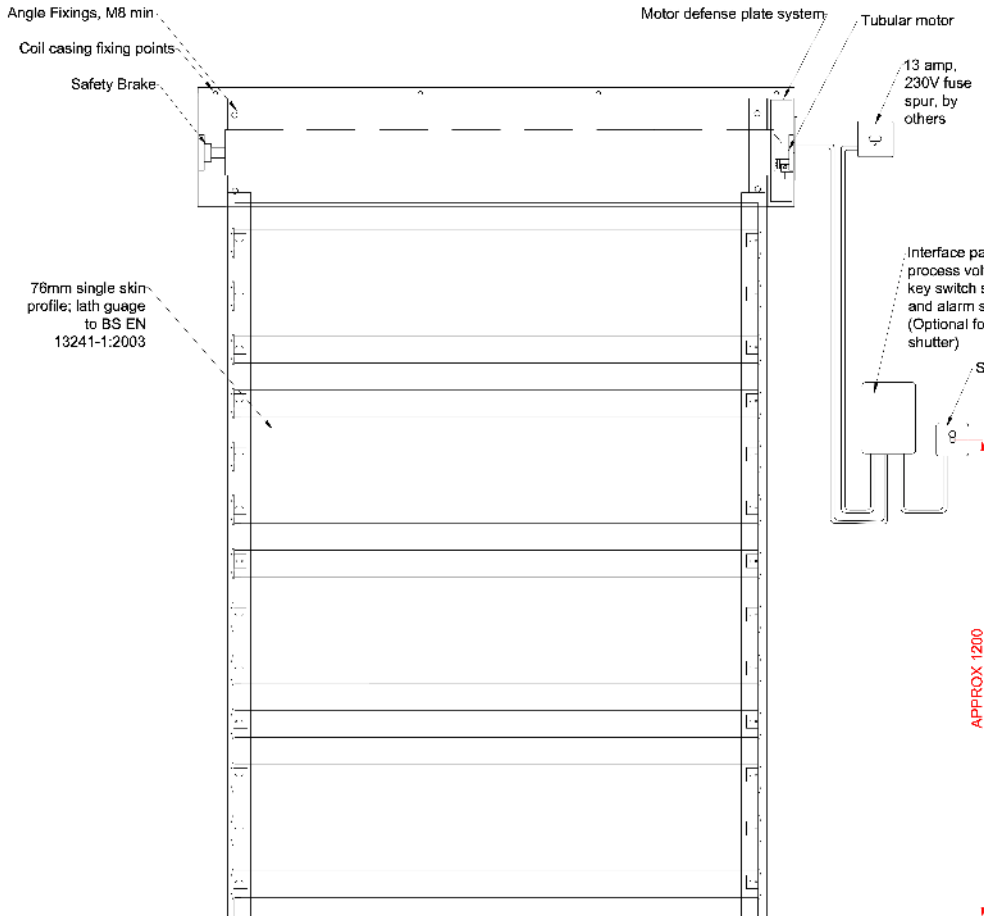
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TUBULAR MOTOR

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

Angle Fixings, M8 min
Coil casing fixing points
Safety Brake

Motor defense plate system
Tubular motor

13 amp, 230V fuse spur, by others

Interface panel, to process volt-free key switch signal, and alarm signal (Optional for Fire shutter)

Switch

76mm single skin profile; lath guage to BS EN 13241-1:2003

APPROX 1200

PLATE (W)
PLATE (H)

Manual override eyelet, for removable handle

Angle Fixings, M8 min

OVER ENDPLATES
OPENING HEIGHT

TUBULAR PLAN VIEW

WIDTH OVER ENDPLATES
WIDTH BETWEEN GUIDES

INLINE MOTOR

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

Coil casing fixing points

PLATE (W)
PLATE (H)

Safety brake

[OPTIONAL] INTERFACE PANEL,

DOOR CLOSING

Switch

76mm single skin profile; lath guage to BS EN 13241-1:2003

APPROX 1200

M8 4.6, 60mm min

In Line 1ph / 3ph motor; with fusible link and solenoid release; manual haul chain override

M8 4.6, 60mm min

OVER ENDPLATES
OPENING HEIGHT

INLINE PLAN VIEW

WIDTH BETWEEN GUIDES
WIDTH OVER ENDPLATES