

Bolton Gate Company's range of Fireroll E30 roller shutters is designed to provide compartmentation for smaller openings where its attractive close-fitting lath curtain makes it eminently suitable for all applications but particularly servery type openings or where aesthetic appearance is paramount.

Fireroll E30 has been extensively tested to EN 1634-1 for fire resistance and is rated E30-C2 in accordance with EN13501, EN13241, EN16034 & EN15269.

Additionally, the shutter has been successfully rated to E60 when fixed to flexible structures in accordance with EN15269-10 Clause J.1.2

The product is CE marked accordingly.

The shutter is electrically operated as standard with controlled descent gravity failsafe closure thus avoiding any potential Health & Safety risks associated with manual shutters whose closing mechanism incorporates a drop bar system.

STANDARD SPECIFICATION

Operation

The Speedsafe drive unit has a 230-volt nominal single-phase geared induction motor with an electromagnetic brake, limit switches, release unit, a built-in starter panel and low-level push button station with emergency stop button.

The design provides a fail-safe system which will close the shutter automatically in the event of a fire situation.

Activation is via a signal from the fire alarm system to an auto reset solenoid which, when activated, releases the motor brake allowing the shutter to close by gravity with a controlled descent.

A safety brake is supplied to comply with the safeguarding requirements of EN12604.

Manual operation in the event of a power loss is achieved by releasing a pull cord to close the shutter under controlled descent and a hand chain to open.

Curtain

The shutter curtain is constructed from continuously interlocking 51mm flat faced laths securely held in place by endlocks.

Bottom Rail

The bottom rail is also formed from a reinforced lath to give uniformity of appearance.

Sides Guides

Vertical guides are fabricated from cold rolled galvanised steel channels 50 x 25mm which are attached to the supporting structure.



Roller

The roller is made from seamless steel tube of sufficient diameter and wall thickness to resist deflection and is supported in bearings mounted on each endplate.

Endplates

Fabricated from steel plate and prepared to accept the coil casing. Securely bolted to steel angles which are drilled for attachment to the structure at the correct centres.

Coil Casing

Coil and motor casings are constructed from galvanised steel and cover all moving parts at high level.

Finish

Fireroll E30 is supplied with most parts galvanised as standard. Where non-galvanised parts are utilised, these are finished with one coat of primer paint.

MAXIMUM SIZES

4000mm wide x 2500mm high

WEIGHT

Varies with opening size dependent on lath/barrel/casing requirements but approximately 50kgs/m².

OPTIONS

- E60 and E120 fire ratings
- Audible and/or visual alarms
- Polyester powder coated finish to a range of standard RAL colours
- Grade 304 or 316 stainless steel

FIRE SHUTTER - FIREROLL E30

Half Hour Fire Resisting Roller Shutter

