



Bolton Gate Company

FIRE SHUTTER - FIREROLL E30

Half Hour Fire Resisting Roller Shutter

Data Sheet 3-3

February 22



FIRE SHUTTER—FIREROLL E30 SPECIFICATION SUMMARY

Part of Bolton Gate Company's extensive range of fire products, the Fireroll E30, Fire Resisting Roller Shutter, is an electrically operated fire barrier that delivers a thirty-minute fire rating which has been specifically designed to provide compartmentation for smaller openings.

Offering an extremely neat and compact but secure and robust design its attractive close fitting lath curtain makes it eminently suitable for all applications but particularly that of server type openings or where aesthetic appearance is of paramount importance.

Applications include:

Serveries, Reception areas, Foyers, School canteens, Retail outlets, Church halls.

Performance Characteristics:

Resistance to Fire: E30
Including Flexible Structures
Including Rigid Structures
Durability: C2 (10,000 Cycles)

Fire: Tested to EN1634-1 all in accordance with EN13501- 2:2016, EN13241:2003 + A2:2016, EN16034:2014 EN15269-10.

Durability: Tested to EN15269-10 Clause J.1.2

Key Attributes:

30 minute fire rating.
CE Marked fire shutter.
Approved for rigid and flexible structures.
Servery shutter.
Compact design.
Aesthetically pleasing.

THIS FIRE SHUTTER PRODUCT IS CE MARKED IN KEEPING WITH THE LATEST LEGISLATION.



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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.

Side 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 fixing 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 in a galvanised finish 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.
- Obstruction detection (light curtain or safety photocell).

To specify this product please state:

Fire Shutter—Fireroll E30 shall be by Bolton Gate Company Ltd, Waterloo Street, Bolton BL1 2SP, UK

Tel: 01204 871001;

E-mail: sales@boltongate.co.uk **Web:** www.boltongate.co.uk