



Bolton Gate Company

FIRE SHUTTER - FIREROLL E120

Two Hour Fire Resisting Roller Shutter

Data Sheet ref. Fire 3

November 23



FIRE SHUTTER - FIREROLL E120 SPECIFICATION SUMMARY

Bolton Gate Company offers probably the most comprehensive range of modern fire resisting shutters available on the market today.

The Fireroll E120 two-hour fire rated shutter is designed to provide fire compartmentation with security, durability and reliability in mind. This fire shutter will satisfy the needs of large or complex packages as well as meeting the most stringent safety and insurance requirements.

All Bolton Gate fire doors and shutters are tested and assessed by officially recognised and competent authorities.

Applications include:

Warehouses, Factories, Shopping Centres, Malls, Car Parks
Department Stores.
Retail outlets, Church halls.

Performance Characteristics:

Resistance to Fire: E120

Including Rigid Structures

E60 for Flexible 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:

120 minute fire rating.

CE Marked fire shutter.

Approved for rigid and flexible structures (up to E60).

Industrial applications.

Multifunction as a security shutter.

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





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Operation

Suitable for all sizes of shutters, the Speedsafe drive unit has a 230-volt nominal single phase or 400-volt nominal three 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.

In a fire condition, gravity failsafe closing is activated by a 24-volt DC signal (0.37 amps) from the client's fire alarm panel to the auto reset solenoid which releases the motor brake and is backed up by a fusible link.

A safety brake is supplied to comply with the safeguarding requirements of EN 12604.

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

Shutter curtain is constructed from continuously interlocked 76mm curved section steel laths which are securely held in place by end locks. Lath thicknesses vary dependent upon opening size.

Bottom Rail

Bottom rails are galvanised, and roll formed into a Tee section.

Side Guides

Channel section galvanised mild steel guides with slotted fixings for expansion in a fire are fixed to the jambs with continuous steel angles.

Roller

The roller is made from seamless 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

A galvanised steel coil casing is supplied to maintain the fire seal at the head.

Finish

Fireroll E120 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

7000mm wide x 7000mm high as standard
12000mm wide - height dependent (please contact our sales team to discuss)

Weight

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

Options

- Heat/smoke detectors
- Audio visual warning
- 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 E120 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