

## **FIRE SHUTTER—FIREROLL E60**

One Hour Fire Resisting Roller Shutter

Data Sheet ref. Fire 2

January 24



### **FIRE SHUTTER—FIREROLL E60** **SPECIFICATION SUMMARY**

Part of Bolton Gate Company's extensive range of fire products, the Fireroll E60, Fire Resisting Roller Shutter, is an electrically operated fire barrier that delivers a sixty-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: E60

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:**

60 minute fire rating.

CE Marked fire shutter.

Approved for rigid and flexible structures.

Server 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 E60 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 25kgs/m<sup>2</sup>.

#### **Options**

- E30 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 E60** shall be by Bolton Gate Company Ltd, Waterloo Street, Bolton BL1 2SP, UK

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