

Bolton Gate Company's range of Fireroll E30/60 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 E30/60 has been extensively tested to both BS476 Part 22 1987 and BS EN 1634-1 for 30 and 60 minutes fire resistance (E60 rating in accordance with EN 13501-2).

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

#### **Construction**

The shutter curtains are constructed from continuously interlocking 51 x 0.7mm thick flat faced laths securely held in place by endlocks. The bottom rail is also formed from a reinforced lath to give uniformity of appearance.

#### **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 adequate diameter to avoid deflection and is supported on steel endplates on bearings.

#### **Casings**

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

### ELECTRICAL OPERATION

The Speedsafe drive unit has a 240volt 1 phase geared induction motor with an electromagnetic brake, limit switches, thermal release unit and a built-in starter panel.

The design provides a fail-safe system which will close the shutter automatically in the event of a fire situation. A controlled descent of approximately 100mm per second is an inbuilt safety feature.

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.

### FINISH

Galvanised as standard with polyester powder coating in a range of standard RAL colours an optional extra.

### MAXIMUM SIZES

4000mm wide x 2500mm high.

### WEIGHT

Approximately 25kgs per m<sup>2</sup>

### OPTIONS

- Audible and/or visual alarms.
- Polyester powder coated finish.
- Keyswitch
- Grade 304 or 316 stainless steel

