**FIREROLL E240 FIRE RESISTING ROLLER SHUTTERS**

**SPECIFICATION 3-5**

**Fire Resistance**

Tested to BS 476 Part 22 and EN 1634-1 and approved for fire ratings up to four hours (E240 rating in accordance with EN 13501-2).

**Curtain**

Constructed from 76mm curved section galvanised steel laths with steel endlocks fitted to alternate laths to prevent lateral movement.

**Bottom Rail**

Galvanised steel inverted “tee” section.

**Guides**

The side guides are formed from galvanised steel channels and prepared for fixing to the opening structure by means of fixing angles.

**Endplates**

Fabricated from mild steel of adequate thickness relative to door size and supplied with angles for fixing to the structure.

**Roller**

The roller is manufactured from mild steel tube of sufficient diameter and wall thickness to resist deflection and is mounted in bearings or cups on each end plate. A galvanised steel casing is supplied as standard.

**Finish**

The majority of parts are galvanised with other parts prime painted. They are also available in stainless steel and polyester powder coated in a range of standard RAL colours at extra cost.

**Weight**

Approximately 50 kgs per m².

**Operation**

Electrical operation is by means of a single or three phase Speedsafe motor mounted on one endplate. The standard unit is pre-wired obviating the need for a site electrician. Standard controls are by means of open / close / stop push buttons fitted adjacent to the shutter.

**Fire Activation**

In a fire condition, closure is activated by a fusible link. If activation is required from the fire alarm system, an auto re-set solenoid or magnet is available at extra cost. Descent is always at a controlled speed.

**To specify state:**

**Fireroll E240 Fire Resisting Roller Shutters shall be by**

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