**FIREROLL E120 FIRE RESISTING ROLLER SHUTTERS**

**SPECIFICATION 3-5-1**

**Fire Resistance**

Tested to EN 1634-1 and rated E120-C0 in accordance with EN 13501-2, EN 14600, EN 15269-10 & EN 16034.

The product is CE marked accordingly.

**Curtain**

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

**Bottom Rail**

Formed from a galvanised steel rolled tee section.

**Guides**

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

**Endplates**

Fabricated from galvanised mild 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 on each end plate. A safety brake is included to comply with the safeguarding requirements of EN12604 and a galvanised steel casing is supplied as standard.

**Finish**Galvanised as standard. They are also available in stainless steel or polyester powder coated in a range of standard RAL colours at extra cost.

**Weight**

Approximately 35 kgs per m².

**Operation**

Electrical operation is by means of a 240-volt 1 or 400-volt 3phase Speedsafe motor mounted on one endplate. The standard controls are by means of keyswitch with emergency stop button fitted adjacent to the shutter.

**Fire Activation**

In a fire condition, activation is initiated by an incoming signal from the fire alarm system. Closure is by gravity with a controlled descent.

**To specify state:**

**Fireroll E120 Fire Resisting Roller Shutters shall be by**

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