**FIREROLL ACOUSTIC ROLLER SHUTTERS**

**SPECIFICATION 3-11**

**Fire Resistance**

Tested to EN1634-1 and achieved a rating of EW120 (integrity and radiation reduction) in accordance with EN 13501-2.

**Acoustic Rating**

When independently tested, the door achieved a weighted sound reduction index Rw of 25 dB (32dB if a double roller design is used).

**Curtain**

Constructed from 100mm flat section galvanised steel laths with acoustic / fire resisting infill and steel endlocks fitted to the laths to prevent lateral movement. The bottom rail is a lath fitted with a galvanised steel trim section.

**Guides**

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

**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 on each end plate. A galvanised steel casing is supplied as standard.

**Finish**

Galvanised as standard. A factory finish is available which comprises a white plastisol internal face (coil side) with the external face polyester powder coated to a standard RAL colour.

**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 or an auto re-set solenoid. Descent is always at a controlled speed.

**To specify state:**

**Fireroll Acoustic Roller Shutters shall be by**

**Bolton Gate Company, Waterloo Street, Bolton BL1 2SP, UK Tel: 01204 871001**

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