**FIREROLL VR60 INSULATED FIRE SHUTTERS**

**SPECIFICATION 3-7**

**Fire Resistance**

Tested to EN 1634-1 for integrity and insulation of 60 minutes (EI60 rating in accordance with EN 13501-2).

**Curtain**

Constructed from 63 x 36mm synthetic material laths infilled with high-performance insulation.

**Bottom Rail**

Comprising a standard lath fitted with an extruded PVC bottom seal.

**Guides**

The side guides are formed from galvanised steel channels with a black intumescent insert and prepared for fixing to the opening structure.

**End Brackets**

Fabricated from galvanised steel of adequate thickness relative to door size and supplied with steel plates 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.

**Finish**

The shutter curtain is supplied in a grey self-finish as standard.

**Weight**

Approximately 50 kgs per m².

**Operation**

Electrical operation is by means of a direct drive three-phase motor mounted on one endplate. In the event of fire and / or mains failure, a 24volt DC auxiliary drive unit closes the door.

**Controls**

A control panel is supplied for mounting at high level which incorporates batteries and a facility for an incoming fire signal. Cables between panel and motor are to be flameproof. Low level control is by wall-mounted push buttons.

**To specify state:**

**FIREROLL VR60 Insulated Fire Shutters shall be by**

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

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