**FIRE SHUTTER - FIREROLL VR60**

One Hour Insulated Fire Shutter

**(SPECIFICATION 3-7)**

**Fire Resistance**

Tested to EN 1634-1 and rated EI60 (integrity and insulation) in accordance with EN 13501-2.

The product is CE marked accordingly.

**Operation**

Electrical operation is by means of a 400-volt nominal 3 phase direct drive motor mounted on one endplate.

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.

Operation is by constant pressure push button controls integrated with the face of the low-level control panel.

In the event of fire and / or mains failure, a 24volt DC auxiliary drive unit closes the door. A hand crank is provided as a manual override.

**Fire Activation**

In a fire condition, activation is initiated by a normally open volt free contact from the fire alarm system.

**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.

**Side Guides**

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

**Endplates**

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

**Head**A combination of galvanised steel channel profile and MDF board with a special fire protection cover is fixed to the lintel into which the top of the door engages providing an effective seal against the passage of flame and hot gases.

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

**Weight**

Varies with opening size dependent on lath / barrel / casing requirements but approximately 50 kgs per m².

**To specify please state:**

**Fire Shutter - Fireroll VR60 shall be by**

**Bolton Gate Company, Waterloo Street, Bolton BL1 2SP, UK**

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