**FIBREROLL HORIZONTAL FIRE CURTAINS**

**SPECIFICATION 18-5**

**Fire Resistance**

Tested to EN 1634-1 and achieved a rating of E120 in accordance with EN13501-2.

**Curtain**

Constructed from specially reinforced and coated grey fibre-glass material sewn together with stainless steel wire.

**Leading Edge**

Formed from galvanised steel into which the curtain is clamped.

**Guides**

The side guides are formed from galvanised steel and are prepared for fixing to the opening structure by means of M8 bolts.

**Motor / coil box**

The casing is manufactured from galvanised steel and is 475mm wide x 302mm high.

**Spring box**

Fabricated from galvanised steel and incorporating sprung cable drums and a rebate into which the leading edge engages to form a fire seal.

**Finish**

Galvanised as standard. The casings, leading edge and side guides are also available in a polyester powder coated finish in a range of standard RAL colours at extra cost.

**Operation**

The curtain is electrically operated as standard using a 240volt Speedsafe motor mounted inside the casing. The system is pre-wired in the factory requiring only a 240volt IEC socket within one metre of the motor.

**Fire Activation**

Activation in a fire condition is via an incoming 24volt DC signal from the client’s fire alarm system following receipt of which, closure is effected by the motor / sprung cables inside the side guides. The system is backed by a UPS which is mounted in the spring box adjacent to the control panel.

A test keyswitch is fitted to the motor box and in the event of power failure, a sounder beacon activates for 60 seconds following which the curtain closes via the UPS battery back-up system.

**To specify state:**

**Fibreroll Horizontal Fire Curtains shall be by**

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

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