**SONAROLL ACOUSTIC ROLLER SHUTTERS**

**SPECIFICATION 3-10**

**Acoustic Rating**

When independently tested, the door achieved a weighted sound reduction index Rw of 27dB (32dB if a double roller design is used).

**Curtain**

Constructed from 100mm flat section galvanised steel laths with acoustic infill and nylon endlocks fitted to alternate laths to prevent lateral movement. The bottom rail comprises a steel capping channel fitted with an integral rubber seal.

**Guides**

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

**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 or cups on each end plate.

**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 direct drive 3 phase geared motor mounted on the outside of one endplate. The motor has an inherent safety brake thus meeting all relevant Health & Safety requirements and the standard unit is pre-wired obviating the need for a site electrician.

**Controls**

The standard method of control is by means of internal wall-mounted push button control.

**To specify state:**

**Sonaroll Acoustic Roller Shutters shall be by**

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