**INSULATED ROLLER SHUTTERS**

Thermally Insulating and Sound Reducing Roller Shutter

**(SPECIFICATION 3-8)**

**Performance Characteristics**

Resistance to Windload Class 5

Thermal Resistance 1.1 W/(m²K) at centre / 3.2W/(m²K) at quirks

Sound Reduction 18dB RW

**Operation**

Electrical operation is by means of a 400-volt nominal 3 phase direct drive motor complete with integrated safety brake.

Open / close / stop push button controls are incorporated within the low-level control panel.

A manual disconnect mechanism and haul chain is provided for use in the event of power failure.

Options include: - Keyswitch operation; Radio Controls; Light curtains; Time delayed closure; Radar Sensors etc.

**Curtain**

Constructed using continuously interlocked 95mm deep galvanised steel bonded insulated laths secured by endlocks.

**Bottom Rail**

An extruded aluminium bottom rail is provided fitted with a rubber weather strip.

**Side Guides**

Vertical guides are formed from rolled galvanised steel in a double rebate profile complete with twin brush strips.

Full height angles are provided for mounting to the structure.

**Roller**

The roller is manufactured from mild steel seamless tube of adequate diameter and wall thickness to resist deflection and held in bearings attached to the endplates.

**Endplates**

Fabricated from prime painted mild steel of thickness to suit the respective opening relative to door size.

Supplied with angles for fixing to the structure.

**Coil Casing**

A galvanised steel coil and motor casing are provided as standard to close off the operating mechanism and complete the aesthetic appearance of the door.

**Finish**Galvanised as standard.

Options available: -

* A polyester powder coat finish to a single RAL colour.
* A plastisol finish to the curtain and polyester powder coat finish to remaining components

**Weight**

Varies with opening size dependent on lath / barrel / casing requirements but approximately 45 kgs per m².

**To specify please state:**

**Insulated Rolling Shutter shall be by**

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

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