**SUPERIOR ELECTRIC FOLDING DOORS**

**SPECIFICATION 1-1**

**Gate Frame**

Constructed from 25mm hot rolled channel pickets interconnected by 30 x 10mm solid lattice bars. Ball bearing pulleys are attached at the top and zinc-plated guide pieces at the bottom.

**Leading Edge**

Fabricated from steel channels and side plates formed into a rigid box section into which the chain connection mechanism is recessed.

**Leaves**

Formed from 305mm x 1.2 or 1.5mm galvanised steel and ribbed for strength. Front hinge strips are attached and the interlocked assembly provides a weather tight installation.

**Top Track**

Fabricated from steel side plates with round edge runner rails and formed into a heavy-duty 230mm high box section. The motor is surface mounted on the track for ease of access with the drive chain totally enclosed within the track.

**Bottom Track**

Type B24 fabricated from 51 x 25mm double rolled steel channels.

**Finish**

The majority of parts are galvanised with other parts prime painted. Polyester powder coating to a range of standard RAL colours is available at extra cost.

**Weight**

Approximately 50 kgs per m².

**Operation**

Electrical operation is by means of a direct drive 3 phase geared motor mounted on the top track. Manual operation in the event of power failure is achieved via a chain disconnect handle recessed into the leading edge.

**Controls**

The standard controls are by means of open / close / stop push buttons fitted adjacent to the door.

**To specify state:**

**Superior Electric Folding Doors shall be by**

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**Issue Date: May 2019**