

## PRODUCT SPECIFICATION – ‘SERIES 1’ ROLLER SHUTTER

### PROPRIETARY SPECIFICATION

Series 1 aluminium roller shutter as manufactured by Mirage Doors

#### CURTAIN

The curtain shall be formed using 60mm x 1.2mm thick solid extruded aluminium slats, and fitted with nylon end clip to the end of every alternate slat. Ventilation options are as follows:

- Standard slots 127mm wide x 28mm high, giving an effective 33% ventilation per lineal metre;
- Wideview slots 250mm wide x 28mm high, giving an effective 39% ventilation per lineal metre;
- Both of these options can include acrylic infill panels to prevent the passage of dust and create viewing panels.

#### DRUM

The drum shall be manufactured from steel tube and fitted with end caps. Helical coil oil tempered springs will be fitted to an axle inside the drum tube. Drum deflection shall not exceed 1/360<sup>th</sup> of the drum span.

#### GUIDES

Side guides shall be 48mm x 30mm extruded aluminium sections. Where multiple shutters are required, side guides can be replaced by removable corner or centre mullion sections.

#### BRACKETS

Mirage will provide a pair of brackets fitted to a suitably prepared opening provided by others.

#### BOTTOM RAIL

The bottom rail is made from extruded aluminium, and is designed to accept a weatherseal if required.

#### OPERATION (SLECT FROM)

- Manual by hand (a pull hook is provided for high shutters);
- 240v internal drive tube motor, operated via a Lockwood Omega key switch (master keying by others). For applications where the door is the only form of egress, allow a 2nd Lockwood Omega key switch or a green emergency push button as well as a battery back – up kit (for use in the event of power failure).

## LOCKING

Non – Masterkeyable Selections:

- Single sided locking (inside **OR** outside);
- Two way locking (inside **AND** outside);
- Sliding padbolts (inside **OR** outside) – padlocks by others.

Master – Keyable Selection:

- Lockwood 570 Series cylinder keyed to the outside only (this cylinder will protrude forward of the outside bottom rail face by 15mm).

NOTE: Locks are not recommended on motorised shutters.

## FINISH OPTIONS

- Matt natural anodised aluminium (standard);
- Dulux Duralloy or Interpon D1000 powdercoat finishes are suitable for Series 1 roller shutters.

## SPECIAL NOTES

- If motorised, the power supply required for the motor is a 240v GPO (10 amp), located within one metre of the motor.
- Work by others:
  - Power supply provision if required;
  - Structurally adequate wall / mounting points to support the roller shutter;
  - Adequate headroom & sideroom as per Tech. Data sheets to ensure successful operation (note that motorised Series 1 roller shutters cannot be side mounted);
- Product warranty – 12 months.

Mirage Doors has a continuous program of product development, and reserves the right to change specifications at any time without notice.