PRODUCT SPECIFICATIONS –
MIRAGE DOORS S100 LOW CYCLE STEEL ROLLER SHUTTERS

RECOMMENDED SPECIFICATIONS: S100 Low Cycle Steel Roller Shutters as manufactured by Mirage Doors (Aust.) Pty. Ltd.

SIZE: The maximum shutter size available with the S100 low cycle steel roller shutter is 10000mm x 8000mm. The maximum size can only be determined after reviewing the formal windlock specifications that pertain to each project, and after reviewing the location on the building for the roller shutter(s).

SLATS: 100mm high cycle slats are available in 1.0mm gauge slat. If required, ventilation options are:

- D-Punch slots 138mm wide x 40mm high @ 200mm pitch, giving an effective 22% ventilation per lineal metre;
- Multi – hole perforations comprising 2.41mm diameter holes @ 3.66mm staggered centres, giving an effective 30% ventilation per slat. NOTE: Perforations can only be applied to every alternate slat;

DRUM: The drum shall be manufactured from seamless 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 1/360th of the drum span.

GUIDES:

- 100mm x 37mm channel;
- For cyclonic regions, 100mm windlock guides c/- cast iron windlock end clips are to be provided.

BRACKETS: The standard brackets are fabricated from prime painted mild steel, with the steel gauge to suit the shutter sizes.

BOTTOM RAIL:

- An extruded aluminium T – section or L – section is standard for openings up to 8000mm wide;
- An optional steel box section is available, and is also used on all openings over 8000mm wide.
- Weather seals are an optional extra on all bottom rail types.

OPERATION: Electric operation is by a Chamberlain Grifco 240v single phase or 3 phase motor / gearbox c/- C10A wall mounted push button control box. A Lock-It-Well wall mounted key switch is an option to add if required. Supply, install & interfacing of security and/or access control systems are by others. This includes emergency chain operation in the event of power failure.

LOCKING: Manual locking is not recommended on motorised roller shutters.

FINISH OPTIONS:

- Galvabond steel (standard);
- Dulux Duralloy or Interpon D1000 powdercoat finishes are suitable for S100 roller shutters.

TECHNICAL DETAILS: Refer to Technical Data Sheets 8A, 8B, 9A, 9B, 9C & 9D.

SPECIAL NOTES:

- The power supply required for the motor is a 240v GPO (10 amp), located within one metre of the motor. This work is by others;
- Removable mullions are not recommended to be fitted to motorised roller shutters;
- S100 low cycle steel roller shutters must be installed to suitable structural supports provided by others, with adequate headroom & sideroom;
- Product warranty – 12 months.

Mirage Doors has a continuous program of product development, and reserves the right to change specifications at any time

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