

**PRODUCT SPECIFICATION – ‘SERIES 100’ HIGH CYCLE STEEL
ROLLER SHUTTER**

PROPRIETARY SPECIFICATION

Series 100 High Cycle steel roller shutter as manufactured by Mirage Doors

CURTAIN

The curtain slat shall be G2 Z275 galvabond steel.

The curtain shall be formed using 100 x 1.0mm interlocking slats, in galvanised steel, roll formed in house at Mirage Doors. The slats are retained in position using nylon end clips, fitted every second slat

SIZE

The maximum shutter size is 10000mm wide x 8000mm

DRUM

The drum shall be manufactured from steel tube in a direct drive setup configuration.

No helical coil oil tempered springs will be fitted

GUIDES

Side guides shall be 75mm x 37mm roll formed steel channel as standard

- Guides can range from 75mm wide – 150mm wide to suit individual applications and windload specifications.

COMPLIANCE TO WINDLOAD SPECIFICATIONS

Roller shutters must comply with the following project criteria (note that wind rated roller shutters cannot be ventilated):

- Site address:
- Wind Region: Terrain Category:
- Regional Wind Speed VR: Internal pressure coefficient:
- Ultimate Limit State Pressure (P*) in positive & negative for each roller shutter:

BRACKETS

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

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 1 h.p. / 1.5 h.p. 3 phase motor / gearbox c/- logic control box and photo – electric beam protection. Supply, install & interfacing of access control systems are by others. This motor includes emergency chain operation in the event of power failure.

FINISH OPTIONS

- Matt natural anodised aluminium (standard)
- Dulux Duralloy or Interpon D1000 powdercoat finishes are suitable for S100 roller shutters.

SPECIAL NOTES

- The power supply required for the motor is either:
 - 3 phase 415v with neutral (10 amp), located within one metre of the motor;
 - Single phase hard wired (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
- 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.