

PRODUCT SPECIFICATION – ‘SERIES 50’ STEEL ROLLER SHUTTER

PROPRIETARY SPECIFICATION

Series 50 steel roller shutter as manufactured by Mirage Doors

CURTAIN

The curtain slat shall be G2 Z275 galvabond steel.

The curtain shall be formed using 50 x 0.6mm or 50 x 0.8mm interlocking slats, in galvanised steel, roll formed in house at Mirage Doors. Slat thickness is dependent on the opening width (refer to manufacturer). The slats are retained in position using nylon end clips, fitted every second slat

SIZE

The maximum shutter size is 3000mm wide x 3000mm

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 1/360th of the drum span.

GUIDES

Side guides shall be 80mm x 43mm x 3mm “Lock – in Guide Section” complete with splayed tops

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

A rigid extruded aluminium bottom rail or 50 x 50mm galvanised steel angle bottom rail.

OPERATION

- Generally Hand Operated.

LOCKING

Sliding padbolts (inside OR outside) – padlock by others.

Specialised heavy duty 2, 3 or 4 point bottom rail locks can also be provided for the highest security requirement.

FINISH OPTIONS

- Matt natural anodised aluminium (standard)
- Dulux Duralloy or Interpon D1000 powdercoat finishes are suitable for S75 roller shutters.

SPECIAL NOTES

- 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 Series 3 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.