

PRODUCT SPECIFICATIONS – S90 INSULATED STEEL ROLLER SHUTTERS



Insulated steel shutters when installed to core – filled masonry

RECOMMENDED SPECIFICATIONS: Insulated steel roller shutters as manufactured by Mirage Doors (Aust.) Pty. Ltd.

SIZE: The maximum shutter size available with the Insulated steel roller shutter is 6000mm x 6000mm.

CURTAIN: Slats are 86mm high and comprise double sided steel c/- an insulated core. Nylon end clips are fitted every slat. The slat data is as follows:

- Acoustic insulation R = 20dB;
- Thermal insulation (with a door area of approx. 25m²) U=1.0 W/m-K;
- An extruded aluminium T – section c/- weatherseal is included.

DRUM: The drum shall be manufactured from steel tube and attached to 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: Standard 75mm x 37mm channel;

COMPLIANCE TO WINDLOAD SPECIFICATIONS: Insulated roller shutters are not designed for windload compliance.

BRACKETS: The standard brackets are fabricated from prime painted mild steel.

OPERATION: (Low Cycle): Electric operation is by a 1 h.p. 240v motor / gearbox c/- push button operation via a reversing contactor and key switch. This includes emergency chain operation in the event of power failure.

LOCKING: Manual locking is not recommended on motorised roller shutters

FINISH OPTIONS:

- Zinalume steel (standard); alternately;
- Dulux Duralloy or Interpon D1000 powdercoat finishes are suitable for Series 2 roller shutters.

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;
- Insulated roller shutters need to be installed to structural supports. Stud walls are only suitable if fitted with concealed 6mm thick SHS posts;
- Product warranty – 12 months.

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

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