

# MIRAGE

D O O R S

## SERIES 3 ALUMINIUM ROLLER SHUTTERS

HEAVY DUTY EXTRUDED ALUMINIUM INTERLOCKING SLATS



The Mirage Series 3 Aluminium Roller Shutter is specifically designed to span the largest openings and still offer a high standard of security.

Available with standard slots, wideview slots or multi - hole perforations.

### APPLICATIONS

Suitable for arcade entries, shopping centre malls, supermarket entries, high security shop fronts and where a single shutter is required to span openings up to 11.8 metres for internal applications.

PLEASE CONSULT YOUR MIRAGE SALES REPRESENTATIVE FOR DETAILS OF SIZES AND FINISHES AVAILABLE.

Call 1800 465 599 or visit [www.miragedoors.com.au](http://www.miragedoors.com.au)

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## RECOMMENDED SPECIFICATIONS

Series 3 Aluminium Extruded Roller Shutter, as manufactured by Mirage Doors. Product Code AE/S3/106.

## CURTAIN

The curtain shall be formed using 106mm x 1.5mm thick solid extruded aluminium slats, and fitted with nylon end clip to the end of every alternate slat. A bottom rail is included c/- optional weatherseal. Ventilation options are as follows:

- Standard slots 191mm wide x 74mm high, giving an effective 52% ventilation per lineal metre of slat (refer to drawing);
- Optional wideview slots 600mm wide x 74mm high, giving an effective 63% ventilation per lineal metre of slat (refer to drawing);

These options above can also include acrylic infill panels to prevent dust flow and create viewing panels.

The other ventilation option is:

- Multi - hole perforations comprising 6.5mm holes @ 8.5mm staggered centres, giving an effective 36% ventilation per lineal metre of slat (refer to drawing).

## SERIES 3 BOTTOM RAIL

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

## SIZES

Each shutter can be specifically manufactured up to 11.8 metres wide when used internally, or up to 6 metres wide when used externally.

## OPERATION

- Manual operation (up to 6m<sup>2</sup> overall curtain size);
- Chain operation (up to 16m<sup>2</sup> overall curtain size);
- Electric operation is by a 3 phase motor. This includes emergency chain operation in the event of power failure. Keyswitches can be added if required. All wiring of Mirage electrical components, and provision of a suitable power supply is by others.

## ROLLER DRUM

The drum shall be manufactured from a prime coated seamless steel tube with collars to assist with minimising deflection. Helical coil oil tempered springs will be fitted to an axle inside the drum tube. The drum shall revolve on steel bearings. Drum deflection shall not exceed 1/360th of the drum span.

## BRACKETS

The brackets are fabricated from mild steel plate and prime painted. Brackets must be fixed to a suitable structural support provided by others.

## GUIDES

Side guides shall be 86mm x 40mm extruded aluminium sections. The extrusion provides for optional brush seal. Removable mullions are not recommended for this product.

## OPERATIONAL CONTROLS FOR MOTORISED DOORS

- Mirage Lockwood Omega Keyswitch (master - keying by others)
- Mirage Toggle Switch

## FINISH

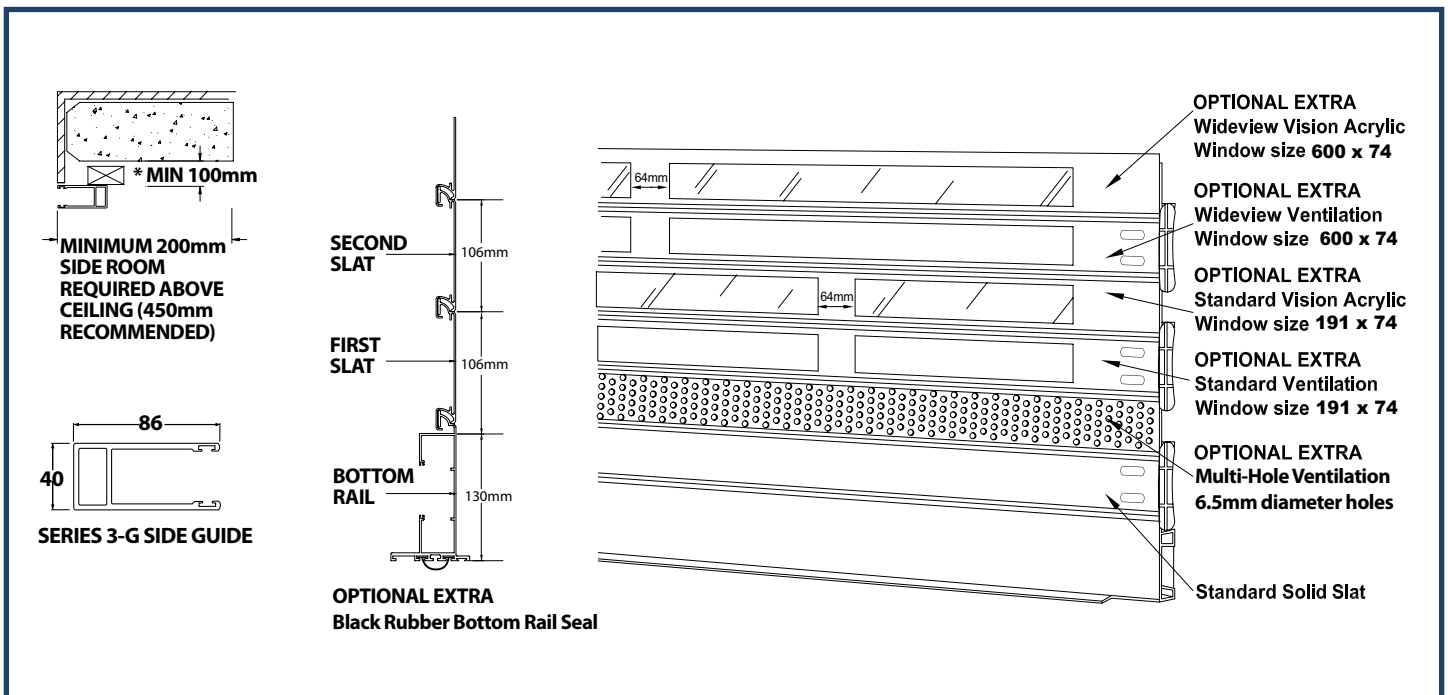
The standard finish is matt natural anodised. Other anodised finishes and polyester powdercoat colours are available on request and are subject to lead time constraints. Metallic and Pearl powdercoat finishes are not recommended for roller shutters.

## INSTALLATION AND CLEARANCE DETAILS

Refer to Technical Sheets: No. 5 & No. 6.

## TIPS FOR ARCHITECTS, SHOPFITTERS & BUILDERS

- Preparation of openings to suit the Series 3 roller shutter is by others. The shutter must not be installed to hollow stud walls. Refer to the Technical Data sheets to ensure adequate opening preparation.
- If required, provision of jambs, cladding of columns, bulkheads and ceiling slot adjustments are by others.
- The Series 3 roller shutter is only suitable for external applications if windload compliance is not required.



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