



## SERIES 35 MINI SLAT SHUTTERS

EXTRUDED ALUMINIUM INTERLOCKING MINI SLATS



The Mirage Series 35 Mini Slat Roller Shutter has a small roll-up diameter and very easy operation due to the unique one-piece bracket and guide channel.

### APPLICATIONS

This mini slat shutter is designed to be used for smaller openings such as fire hose reel cabinets, equipment cabinets, cupboards and small architectural openings.

This shutter is very popular in shopping centres, schools, units and office buildings, especially where headroom restrictions occur.

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## RECOMMENDED SPECIFICATIONS

Series 35 Mini Slat Aluminium Extruded Roller Shutter as manufactured by Mirage Doors. Product Code AE/MINI/35.

## CURTAIN

Made of single skin aluminium extruded slats. Each slat has a flat face of 35mm and is 1.2mm thick. Both ends of every aluminium slat are fitted with a solid interlocking nylon clip that secures slats laterally and takes up wear. When assembled these slats create a modern flat surface which is perfect for sign writing.

## SERIES 35 BOTTOM RAIL

The bottom rail is extruded aluminium. It is designed to house the locking mechanisms offered and has a metal cover strip to the rear.

## SIZE

A single door is available to suit an opening up to 2400mm wide x 2200mm high. For wider openings, a removable mullion may be incorporated.

## OPERATION

- Manual by hand;
- Motorised via a 240v pre - wired internal drive motor c/- Lockwood Omega keyswitch or toggle switch (master - keying of the keyswitch is by others).

## LOCKING

Often these shutters do not require a locking mechanism but if required, Mirage can install a flush mounted lock inside the bottom rail with cylinder operated sliding latch and steel shoots to side guides.

- Single sided lock (outside or inside, with or without a rear snib release). A two way lock is also available;
- Sliding pad-bolts to each end of bottom rail (padlocks supplied by others).
- Lockwood style lock keyed to one side only. Designed to enable the 'client' to master key to their requirements by others. Please note that this lock protrudes from the face of the bottom rail by up to 15mm.

## ROLLER DRUM

The drum is manufactured from 100mm diameter extruded aluminium tube, solid nylon end caps and a solid steel shaft. Helical oil tempered springs are completely concealed and supplied pre-tensioned for fast and easy installation.

## FINISH

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

## BRACKETS

The brackets are a fixed position front roll type with pre-fixed guide channels. The Zincalume® bracket head is pre-fixed to the top of the aluminium guide channels by a solid mild steel support. This makes for an easy & fast installation. The header or fascia must be a minimum of 345mm high so as to allow for the bundle diameter and the bottom rail.

## CHANNEL GUIDES

45mm x 24mm wide extruded aluminium section pre-fixed to the Zincalume® bracket.

## INSTALLATION AND CLEARANCE DETAILS

Series 35 manual roller shutters: Refer to the drawings below;

Series 35 motorised roller shutters: Refer to Technical Data Sheets 15A - 15D;

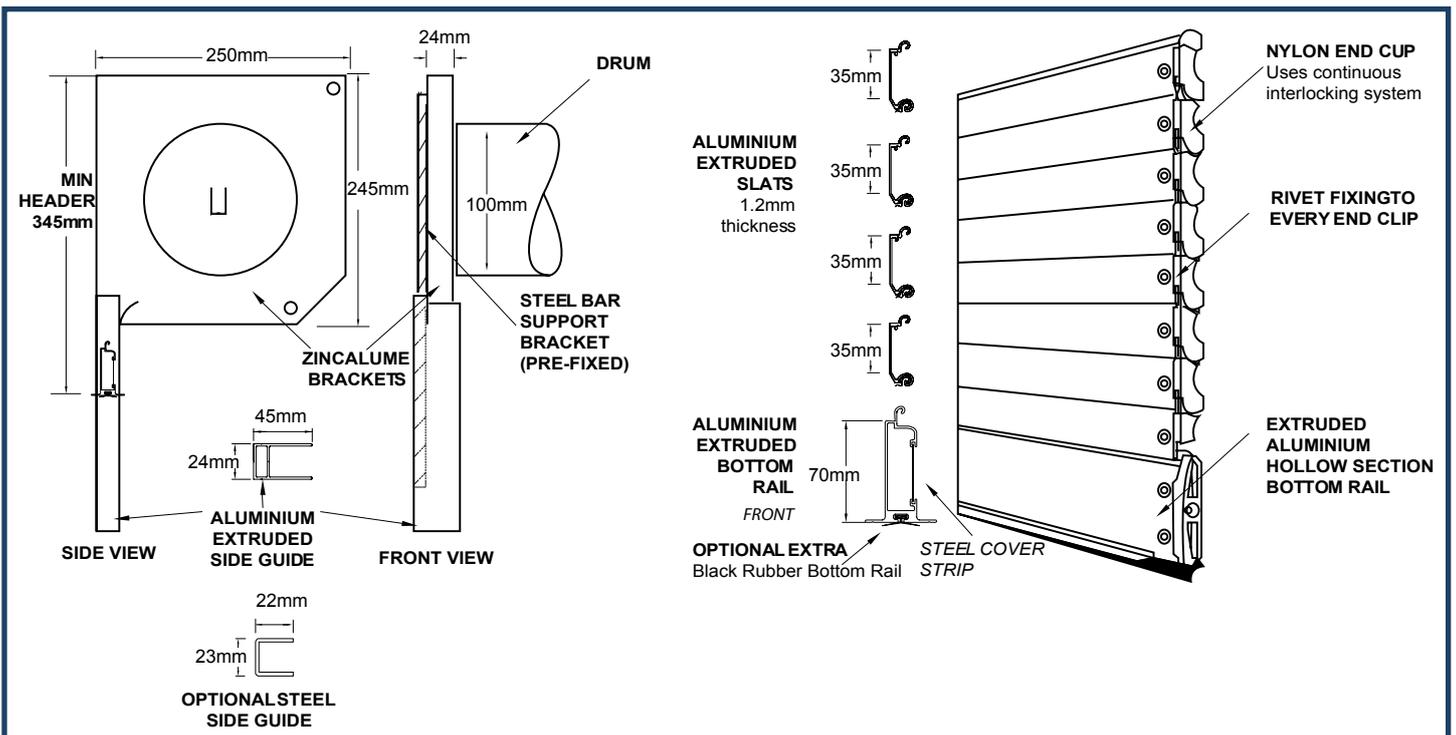
Bundle roll-up diameters for different height doors are as follows (dimensions are in mm):

Height	600	800	1000	1200	1400	1600	1800	2000	2200
Diameter	170	185	195	205	215	220	235	240	250

\* Note - Minimum headroom required is 345mm as indicated on the left hand drawing below.

## TIPS FOR ARCHITECTS, SHOPFITTERS & BUILDERS

- Preparation of openings to suit the Series 35 roller shutter is by others;
- The shutter must not be installed to hollow stud walls;
- The structural fixing support is required for the guides, not the brackets.



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