



## SECURITY ROLLER GRILLES

EXTRUDED ALUMINIUM TUBES & POLYCARBONATE VERTICAL LINKS



The Mirage Security Roller Grille is designed as a medium security grille where a high level of airflow and vision is required.

### APPLICATIONS

Suitable for doorways, cash counters, bars, servery counters, passageways, entrances and additional security to window areas in shopping centres, restaurants, cafes, office buildings, schools and tertiary institutions.

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## RECOMMENDED SPECIFICATIONS

Security Extruded Aluminium Roller Grille, as manufactured by Mirage Doors.  
Product Code AE/SEC/95

## STANDARD CURTAIN

Shall be manufactured from 12mm OD Aluminium tube, anodising quality, connected by moulded vertical links. Each link is riveted to the aluminium tube at staggered spacing. Available link colours are grey, black or clear polycarbonate.

## BRACKETS

The standard brackets are fabricated from mild steel slotted angle.

## DRUM

The drum shall be manufactured from 200mm diameter mild steel and attached to pressed steel end caps. Helical coil springs shall be installed inside the drum. The drum shall revolve on nylon bearings with the internal mechanism being completely concealed. Spring tension shall be adjusted on site and locked into operating position by the installer.

## SIZE

**Widths** - Any width of opening may be protected by fitting the Mirage removable or fixed standard 180°, 135° or 90° mullion between individual grilles. For maximum sizes per grille, please contact manufacturer.

## GUIDES

Side guides shall be 48mm x 30mm extruded aluminium sections (refer to drawing below).

## BOTTOM RAIL

The bottom rail of the grille curtain is manufactured from a robust extruded aluminium section incorporating a lip to act as a continuous stop. An optional black rubber seal can be inserted the full length of the bottom rail.

## LOCKING

Mirage outside bottom rail locking with plated solid steel shoots to side guides is standard. Locking alternatives are:

- Single sided locking (outside or inside);
- Two way locking (outside and inside - inside locking by key);
- Sliding pad-bolts to each end of the 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.

## FINISH

The standard aluminium finish is matt natural anodised. Other anodised colours and polyester powder coating finishes are available on request. Metallic and Pearl powdercoat finishes are not recommended for roller grilles.

## OPERATION

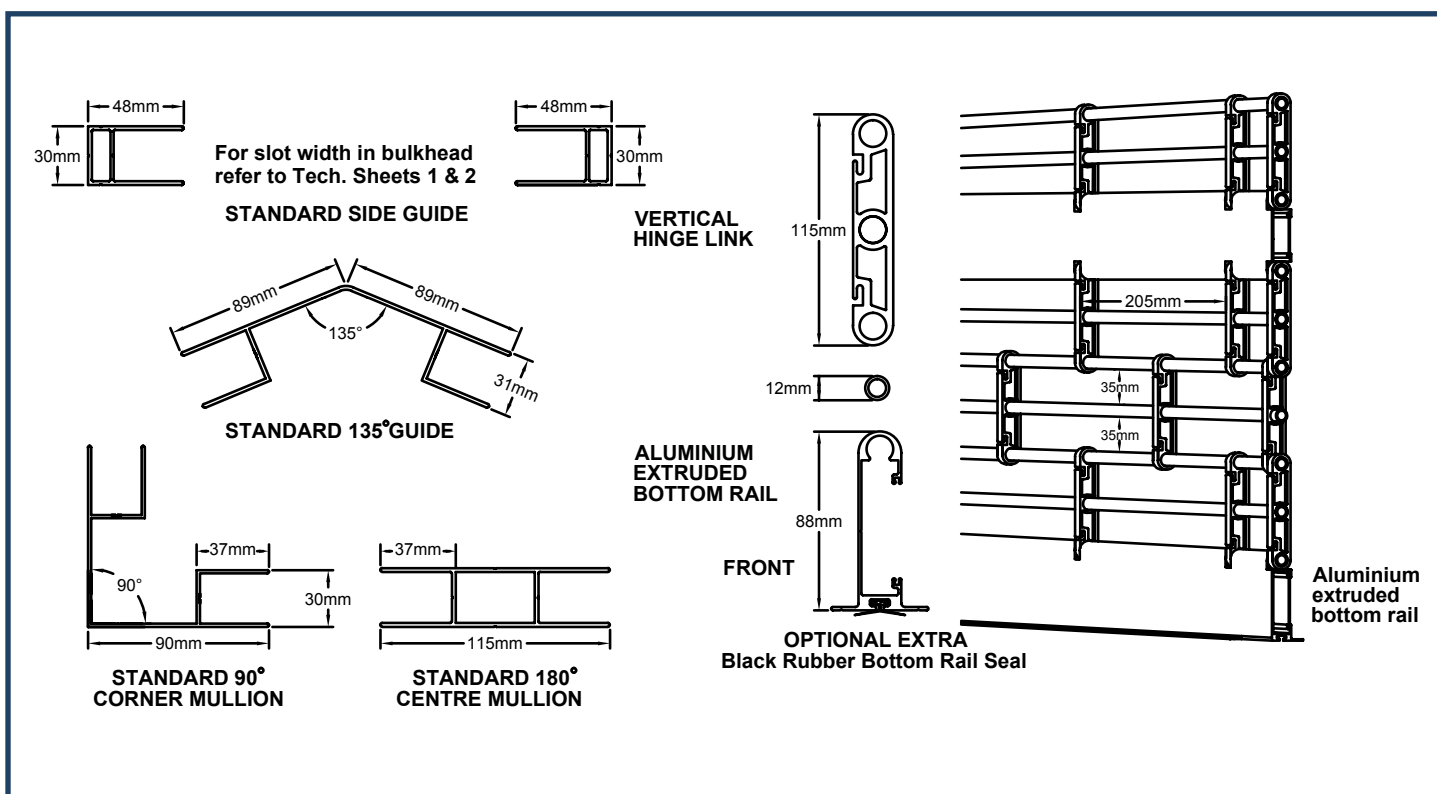
The roller drum is installed overhead in a horizontal position. Mirage Security Roller Grilles are spring counter-balanced for manual operation. This product is not available with electric operation.

## INSTALLATION AND CLEARANCE DETAILS

Refer to Technical Sheet No. 1, 2, 3 & 4.

## NOTES FOR SPECIFIERS

- Preparation of openings to suite the Security Roller Grille is by others. The grille must not be fixed to hollow stud walls. Refer to the Technical Data Sheets to ensure adequate opening preparation.
- If required, pelmet enclosures, provision of jambs, flashings for jambs and master - keying of locks are by others.



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