



## S70 ALUMINIUM ROLLER GRILLE

EXTRUDED ALUMINIUM LINKS AND TUBES



The Mirage Series 70 Heavy Duty Aluminium Grille is designed as a high security grille where high levels of airflow (65%) and visibility are required. Depending on the size of these doors they can either be hand chain operated or motorised.

### APPLICATIONS

The Series 70 roller grille is suitable for large shop fronts and arcade entrances where coverage of wide openings and optimal ventilation is required.

It is not recommended for high usage (no more than six operations per day), but is able to be used in low cycle car park applications.

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

A MEMBER OF THE



**RECOMMENDED SPECIFICATIONS**

Series 70 Aluminium Extruded Heavy Duty Roller Grille as manufactured by Mirage Doors. Product Code AE/H.D.G./70.

**CURTAIN**

19mm aluminium tubes of anodising quality are connected by extruded solid aluminium links 40mm wide x 2mm thick, which are riveted to the 19mm horizontal tube at jugged spacing of 500mm centres. The end of every tube has a nylon end shoe to reduce noise and take up wear. This curtain will give an effective 65% airflow.

**SERIES 70 BOTTOM RAIL**

An aluminium extruded section which can house a choice of locking mechanisms on manually operated doors. This section also incorporates a bottom flange to assist in the stopping of the door in the up position. A rubber seal to the bottom rail is available as an optional extra.

**SIZES**

The maximum size available is 8000mm wide x 4500mm high. Removable mullions are not recommended with this product.

**OPERATION**

Depending on the size of these doors they can either be:

- Hand chain operated (Maximum 25m<sup>2</sup>).
- Electric operation is by a single 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.

**DRUM**

The drum shall be manufactured from a seamless steel tube and attached to end caps. Helical coil oil tempered springs will be fitted to an axle inside the drum tube. The drum shall revolve on steel bearings.

**BRACKETS**

Fabricated from mild steel plate and prime coated.

**GUIDES**

Side guides shall be 86mm x 40mm extruded aluminium sections. The extrusion provides for optional brush seal or plastic ribbing.

**FINISH**

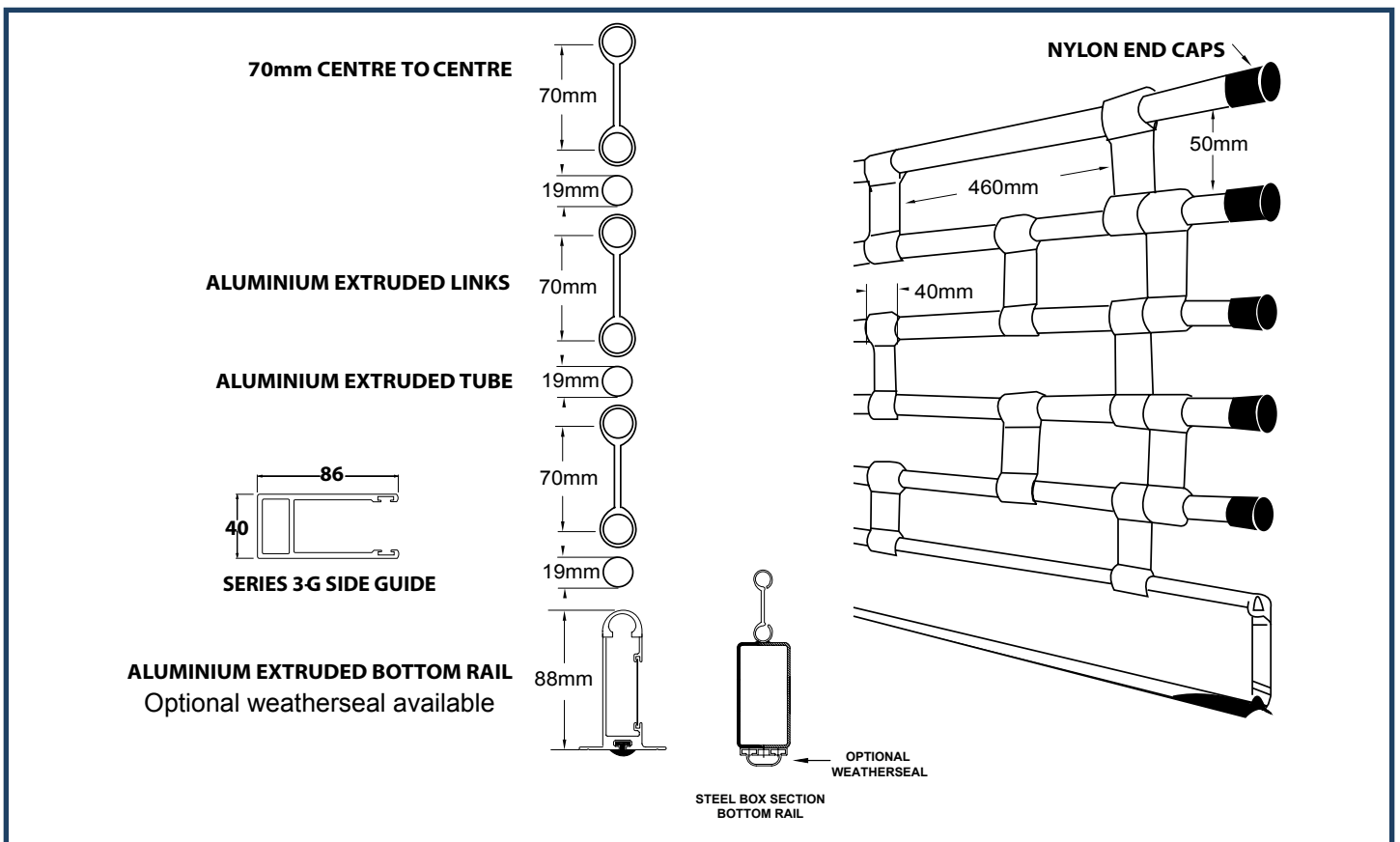
The aluminium bottom rail, side channel guides, links and tubes will be supplied in a matt natural anodised finish. Anodised colours and powdercoated finishes are not available.

**INSTALLATION AND CLEARANCE DETAILS**

For motorisation, bracket options and clearances, please refer to Technical Sheet No.'s 5 and 6.

**TIPS FOR ARCHITECTS, SHOPFITTERS & BUILDERS**

- Preparation of openings to suit the Series 70 Aluminium heavy duty 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 70 roller grille is only suitable for a duty cycle of up to six (6) operations per day.



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