



Aluminium Security Grille

The Arco aluminium security grilles offer an attractive solution for a plethora of applications that require a secure barrier against theft and debris and where visual access, light infiltration and aesthetics are key design considerations.



- * Shopping Centres, high security areas
- * Custom built
- * Motorised or Manual
- * ARCO service/maintenance contracts available
- * DEEWR Code Compliant
- * Aust Standards



Features

Security grilles provides security with unimpeded visibility and airflow. The Standard design features a vertical block pattern while the Security has the popular brick pattern. Constructed from aluminium tubing for full width opening connected with moulded nylon links providing a secure operable curtain. Extruded bottom rail can be fitted with concealed two way lock or lockable shoot bolts. Waist high hocking is available. Side guides are extruded aluminium with Optional Nylofelt Buffer available. Larger openings can be provided with a removable centre of corner mullions.

Curtain

Constructed of 12.7mm aluminium tubes at 50mm centres, connected with 110 x 20 x 10mm nylon links spaced at 270mm centres (standard) and 220mm centres (security) to form each grilles specific patterns.

Side Guide

50mm x 33mm extruded aluminium with false back for concealing fixings. Optional Nylofelt Buffer available.

Locking

Shall be centrally mounted, two way Mortice Key Lock or sliding shoot bolt locking mounted within the bottom rail. Optional waist high locking is also available.

Bottom Rail

90mm x 48mm extruded aluminium section incorporating locking device and concealed locking rods and optional PVC buffer.

Brackets

Manufactured from 90mm x 40mm mild steel.

Roller Drum

Manufactured from 150mm or 229mm spiral ducted tube attached to self lubrication drum wheels and bearings rotating on a 34mm steel shaft. The shaft shall be fitted with helical springs designed to counterbalance the curtain weight throughout its operation. The drum shall be designed to give minimum deflection over the span.

Mullions

Are two pieces of extruded aluminium section that can be set to any angle and used for wide openings and multiple door installations. Mullions are 'lift out type' with shoot bolts to base. Special wide mullions fabricated from aluminium sheet may be used when two grilles meet at an angle & no room exists for stacking.

Operation

Designed for manual hand operation as standard, chain and motorisation is optional

Finish

Available in anodised and powder coated finish

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