

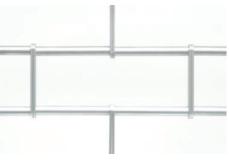
SECURITY ROLLER GRILLES

Elegance, Security, Visibility
Roller grilles are a great way to
cover wide opening widths while
providing both visibility and
security. A brick pattern ensures
that the grille remains strong,
while wide spaced links provide
a high level of visibility.

Visit our website at www.fercoshutters.com to browse our products and download product material.



Straight Pattern Grille



Japanese Style Brick Design

SAG FREE DESIGN

Our double link design ensures that you can cover large widths (up to 12000mm) in a single panel without the risk of sagging.

ELEGANCE FOR WINDOW SHOPPING

Our roller grilles with wide spaced links and a modern brick pattern in aluminum or stainless steel, ensure you get the best of both worlds; security and perfect visibility.

VENTILATION

Roller grilles are suitable applications when you want ventilation to be combined with a need for high visibility. Our design can provide almost 75% - 80% of ventilation.

Grille Curtain

The straight pattern heavy duty grille curtain is made out of 19mm x 2mm thick natural anodized aluminum tubes with a dia 7mm reinforcing bright steel bar and a 2.5mm thick natural anodized aluminum 'double -link' to avoid sagging in the middle. Both ends of the steel rod are locked with a galvanized washer and a lock pin to keep the grille panel rigid.

A single link "brick pattern" aluminum grille can be employed for sizes up to 2.5m (w) x 2.5m (h). Stainless steel grilles are optional.

Shutter Box

The shutter box is made out of two heavy duty steel endplates of thickness 4mm - 7mm joined together using five 50mm x 25mm steel hollow sections. Two 50mm x 50mm x 4.5mm thick steel angles with slotted fixing holes are welded with the end plates to fix the shutter box to the structure.

Barrel

The barrel is made out of heavy duty seamless steel pipes that are welded with axles of sizes f35mm - f50mm according to the size of shutters. These barrels are fixed to the right and left end plates with heavy duty bearings.

Side Rails

For exposed, face fixing applications, 'G' shaped guides are made of heavy duty 75mm wide x 75mm deep x 3mm thick galvanized steel.

For concealed guide application, 75mm wide x 75mm deep x

1.5mm thick 'U' shaped galvanized guides are used.

Bottom Bar

A 86mm high x 81mm wide Tshaped bottom bar is made of twisted natural anodized aluminum links bolted with two 38mm x 38mm x 4.5mm thick galvanized steel angle bars.

Box Cover

The shutter box covers are made out of 0.8mm thick bent galvanized steel sheets. Folded edges provide the required stiffness to the shutter box covers.

Shutter Operator

A suitably sized, fully enclosed designed motor with high starting torque, built-in gear box and built-in thermal protector is used. The shutter operators are provided with an 'endless hand chain' for manual operation from ground level and an 'emergency closing lever' for closing operation.

M & E Requirements

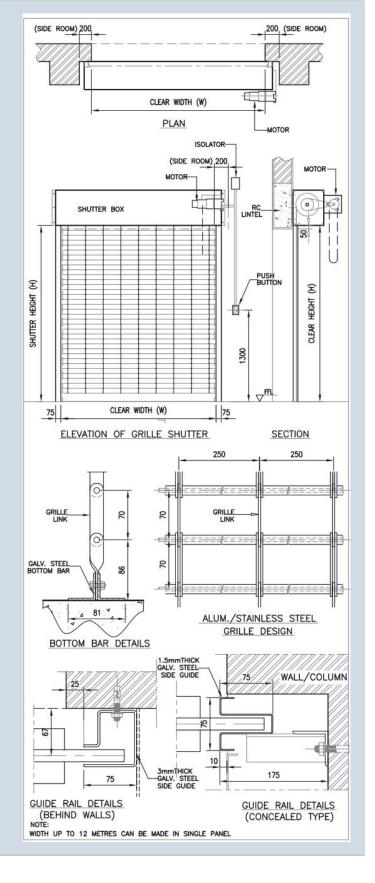
1 phase, 230 V, 50HZ, 13A / 3 phase, 415V, 50Hz, 20A power supply at motor location.

Optional Devices

Stainless Steel Grilles Safety Edge Automatic Programmable Timers Remote Control

Note: We reserve the right to change our specifications over time. Consult with our sales teams to find the best solutions to your requirements. Go to www.fercoshutters.com to download specifications and







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