

3EA Aluminium Roller Shutters

Technical Specifications

Roller Curtains

Assembled from 75mm x 1.5mm extruded interlocking aluminium laths. The ends of every second lath are fitted with end clips to secure the laths laterally.

Bottom Rail

Consists of robust extruded aluminium section designed to strengthen the lower edge of the aluminium curtain.

Side Guides and Angles

A purpose cold rolled galvanised steel section 65 mm deep. Galvanised steel angles of suitable size and thickness are supplied to support the side guides and form a secure fixing to the structure. On fix between applications, the side guides are supported and fixed to the structure via a mild steel flat bar. To accommodate the motor or safety bearing (if required) a 50-75 mm packer is provided between the guide section and fixing angle or mild steel flat bar. On large applications the guide size may be increased.

Roller Barrel

Constructed from mild steel tube of suitable outside diameter and wall thickness to suit shutter application.

Operation

The motors are 240 volts as standard and are encased in the roller tube. Motors can be supplied with or without emergency hand crank facility. We would always recommend emergency hand crank facility to raise the door in the event of a power failure. Normal operation is by paddle switch or keyswitch.

We can also supply 415 volt 3 phase motors should they be required including Safedrive options. Our estimate/quotation should provide the relevant details concerning the electrical specification intended to be used for each particular installation, together with the electrical requirements that need to be provided by the customer.

Laths

Available in Solid or Punched aluminium with 225mm wide x 42mm high slots for visibility and/or ventilation. Slots can be positioned to create a brick bond or inline pattern. For higher security, punched lath area can be strengthened with 1.5mm clear polycarbonate.

Finish

Curtain in mill finish aluminium, side guides and supporting angles are galvanised. Powder coated finish is optional and can be provided at extra cost.

Roller Bracket Plate

3 mm galvanised steel either 250 mm x 250 mm, 300 mm x 300 mm or 350 mm x 350 mm and fixed to the supporting angles or flats, complete with cleats for hoods or fascias if required.

Coil Casings and Fascias

Coil casings or fascias can be supplied at additional cost, and are provided galvanised unless specified otherwise.

Door weight = 15kg m².

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**Covering North and Mid Wales, The Midlands,
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