

Electric Roller Shutter

Electric roller shutters perfect for industrial and commercial applications, manufactured and installed in accordance with BS EN 13241-1:2003 + A2:2016 & BS EN 12604:2017.

Roller curtain

The shutter curtain is constructed from cold rolled galvanised steel laths (76 mm) and pin hole laths to allow light and a see through even if the shutter is rolled down, of suitable gauge to suit the application. Each lath is retained by nylon end locks. Middle part will be of see through laths approximately 12 laths and rest on the top and bottom will be 22SWG Solid Laths



Bottom rail

A rigid inverted T section bottom rail formed from a cold rolled galvanised section

Side guides and angles

A purpose cold rolled mild steel section of depths ranging from 65 mm to 100 mm dependent upon the application. Steel angles of suitable size and thickness are supplied to support the side guides and to form a secure fixing to the structure.

Roller barrel

Constructed from mild steel tube of suitable outside diameter and wall thickness to suit shutter application. Barrels are fitted in conjunction with an appropriate safety device, i.e. Safedrive motor unit.

Endplates

Range from 3 mm to 10 mm thickness. Fitted with suitable cleats for fixing to the structure.

Operation

A variety of electric motors are used, depending upon the application. 2 fobs are provided as standard with "UP", "DOWN" and "STOP" buttons. Our estimate/ quotation should provide the relevant details concerning the electric specification intended to be used for each particular installation, together with the electrical requirements that need to be provided by the customer.

Finish

Side guides, supporting angles and door curtain are galvanised. Non-galvanised option to powder coat to any RAL colour

Barrel Canopy/ Fascias

Canopy size will vary according to size of curtain. Powder Coated to same RAL colour as job.

Perforated or punch-hole lath sections

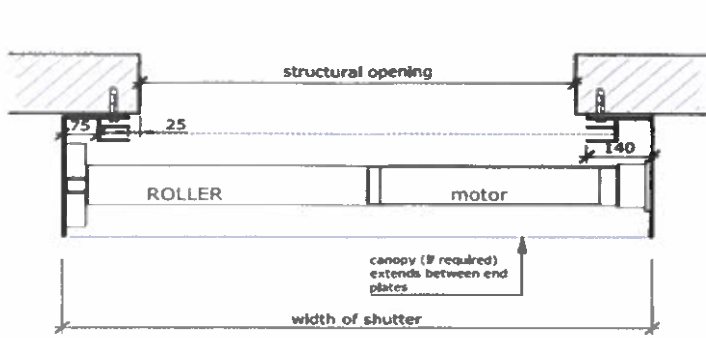
Perforated or punch-hole laths can be supplied dependent on consumer preference.

Technical data

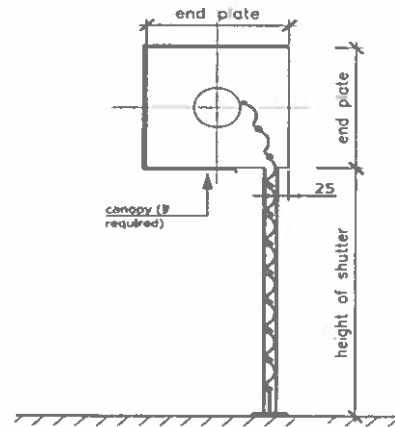
Standard size up to (W x H) ¹	8000 x 8000 mm
Lath profile	76 mm concave
Power options	240V single /41 5V three phase direct drive
Pass-door	For shutters up to 5 m wide
Weight	35 kg/m ²
Finish	- Galvanised - PPC to RAL/BS colour - Plastisol to external face
Wind load, EN 12424	Up to Class 5

¹ other sizes available on request

General arrangement drawing

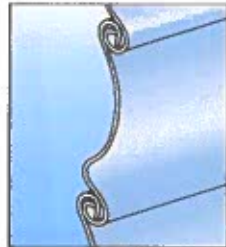


PLAN



ELEVATION

Lath options



Automation options



Standard Control Panel

Please note the design
Vary based on supplier's
Availability