

Delta Secure 1000 High Speed Insulated Roller Shutter

Product Data Sheet
4 / 1

Description

Delta Secure 1000 High Speed Insulated Roller Shutters are designed and manufactured in Britain for industrial and commercial applications. With an opening speed of 600mm/sec this door is ideal where security, insulation and speed of opening are important criteria.

Electrically operated, the door can be supplied with a large range of finishes to suit aesthetics within new and existing buildings. The maximum size of door available is 6000mm clear open width x 6000mm clear open height i.e. 36 square metres.

Curtain

Manufactured from interlocked aluminium sections with twin-ribbed faces for rigidity. Each panel is 100mm in height and in-filled with insulation. The curtain when assembled is held in position with purposely designed injection moulded end fittings, manufactured from hard wearing nylon 6. The bottom of the shutter is terminated with a purpose designed extrusion complete with interlocking rubber weather seal. Supplied with a specially coated SP 80 abrasion resistant paint system producing a hardwearing door panel coating.

Insulation Value

Insulation Value 1.19W/ (M²k) as standard with 0.69W/ (M²k)

Acoustic Value

Noise Insulation Value 18 D.B.A.

Barrel

Manufactured from seamless mild steel tube to BS4760 grade 50c. Gauge to suit door width and height. Maximum barrel deflection 1:400. Fitted with precision-machined bright drawn mild steel axles to BS970 EN33.

Vertical Side Guides.

Formed from pre-galvanised material having a minimum thickness of 2mm incorporating twin vertical brushes on both inner and outer faces of the guide. The brush carrier is constructed from PVC of medium impact strength, finished grey and incorporating twin polypropylene weather strips, these run the full height of the door.



Barrel Canopy (Optional Extra)

Manufactured from galvanised steel of suitable gauge to support weight of canopy over full width of doors. Plastisol finish also available.

Electric Operation

An electric safe drive motor with fail-safe gearbox 415V/380V, 50 Hz, 3-phase earth and neutral is fitted. Each door is equipped with a fully automatic control panel to IP54 specifications, featuring a variable self closing delay facility and soft start motor control. Pneumatic Safety Edge (soft/return to open) and infrared photocell unit are standard. Isolator required to be supplied with 415 volts, 50 Hz, 3 phases Earth and Neutral supply fused at 10 amps. Isolator to be positioned within 1 metre of the opening and at the same height as the motor. The motor and gearbox comply with all current European Safety Standards

Hand chain operation is supplied for manual operation in the event of power failure.

Operation Handing

Doors can be supplied with either left or right hand operation

Warranty

Enerco covers all equipment for 12 months parts and labour subject to maintenance recommendations.

We reserve the right to change specification without prior notification or alteration of this product data sheet.