

## Delta Insudoor 1000 Insulated Roller Shutter Door

Product Data Sheet 6 / 1

### General Description

The Delta Insudoor 1000 Insulated Roller Shutter is designed and manufactured in Britain for Industrial and Commercial applications.

Electrically operated with a large range of finishes to suit aesthetics within new and existing buildings. Maximum sizes of door available 7000mm clear width x 6000mm clear height i.e. 42 square metres.

### Curtain

Constructed from pre-galvanised material, designed to provide a hollow section lath with thermal infill. Each shutter lath section is 100mm deep, purpose designed, twin ribbed face interlocking lath for rigidity. The curtain when assembled is held in position with purposely-designed injection moulded end fittings, manufactured from hardwearing nylon. The interior and exterior finish in either galvanised steel or Decotherm ribbed profile to RAL 9002. The bottom of the curtain incorporates a yellow seal retainer and rubber weather seal.

### Insulation Value

Insulation Value 1.21W/ (M<sup>2</sup>k) as standard with 0.69W/ (M<sup>2</sup>k)

### Acoustic Value

Noise Insulation Value 18 D.B.A.

### Barrel

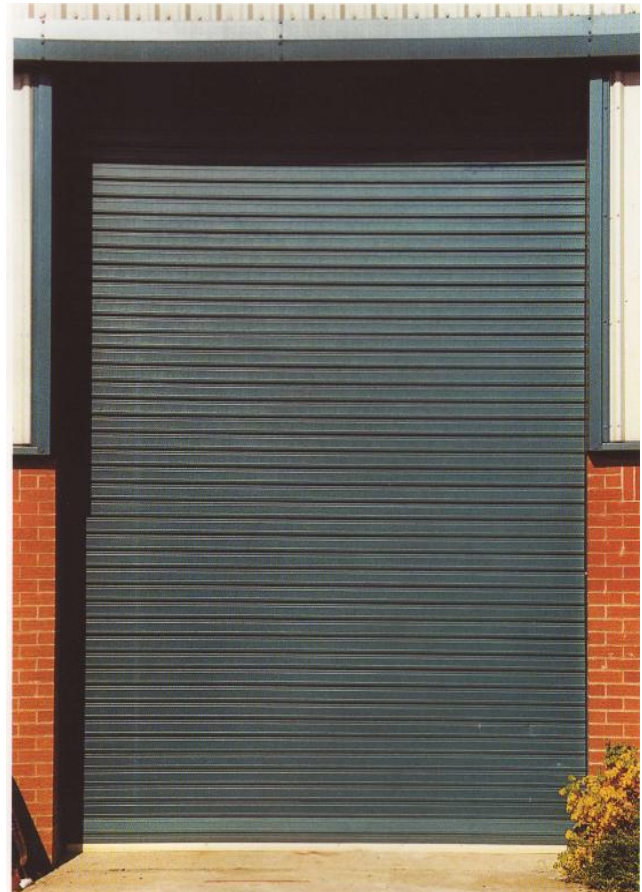
Manufactured from seamless mild steel tube to BS4760 grade 50c. Gauge to suit door width and height. Maximum barrel deflection 1:400. Fitted with precision-machined bright drawn mild steel axles to BS970 EN33.

### 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. Brush carrier is constructed from PVC of medium impact strength, finished black and incorporating twin polypropylene weather strips, these run the full height of the door.

### Barrel Canopy

Manufactured from galvanised steel of suitable gauge to support weight of canopy over full width of doors. Platisol 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, and via a push-button station with Open, Stop and Close push buttons to IP54. Isolator required to be supplied with 415 volts, 50hz, 3 phase 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.

### **Weight**

Door weight for loading purposes can be calculated at 36 kgs / square metre

### **Optional Extras**

Safety bottom edge available to stop the door in the event of vertical contact. Usually only required if the door is single pulse push button operation. Standard doors are supplied with "deadman", hold to close push buttons.

Photocell Protection.

Bollards for protection of the side column, either 100mm or 168mm diameter.

### **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.