

## **Delta Check 2000 Electric Operation Fire Roller Shutter**

### **Product Data Sheet 15 / 2**

#### **Product Description**

Designed to be aesthetically pleasing in areas such as receptions, serveries and partitions between areas

The Delta Check 2000 Electric Operation Fire Roller Shutter Door is 2 hour rated and is fully certified and approved by the Warrington Bodycote in accordance with Test Report No.84510. The Delta Check 1000 can be installed in accordance with BS476 part 22 section 8.

The Delta Check 2000 can be either face or reveal fitted construction, and meets the highest possible standards.

The door can be supplied and fitted to steel frames. The steel frame must comply with current building regulations concerning structures subject to fire wall conditions, and have the same fire rating as the shutter.

#### **Barrel**

Barrels are constructed of an ERW tubular hollow section, which comprises of a wall thickness to stop deflection (dependant on width). The barrel is then fitted with bobbins and mounted onto a 25mm bright steel shaft.

#### **End Plates**

End plates are constructed of a 5mm galvanised steel plate and are cleared to suit a fire canopy and fascia. Endplates are also slotted for fire expansion.

#### **Door Guides**

Guides are constructed from 50mm and 65mm wide galvanised guide channel sections subject to width of shutter. These are then attached to a supporting structural galvanised angle with slotted wall fixings for fire expansion.

#### **Curtain**

Shutter curtains are constructed from 50mm Flat Lath Sections or 75mm curved rolled 0.9 gauge galvanised lath, which are continuously interlocked and secured with steel endlocks.

#### **Bottom Rail**

The bottom rail is constructed from a galvanised 'T' shape section

#### **Canopy and fascia**

Canopy and fascias are constructed from 1.5mm gauge galvanised sheet steel, which are pre formed and slotted for fire expansion.



### Fire Activation Device

The single phase 240V motor is equipped with several methods of operation.

The standard specification includes a fire relay box for connection to the fire alarm, battery backup to open and close the shutter in the event of a power failure and a key switch to open and close the shutter if it is also used for security purposes.

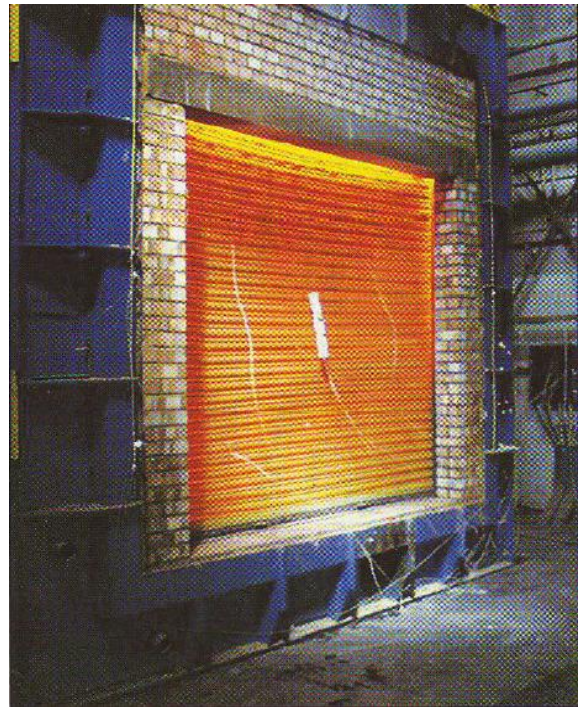
Alternatively an optional fusible link can be fitted which will melt, activate a micro switch and close the door.

### Testing

Can be carried out by simply activating the fire alarm system

### Finish

As standard the curtain and guides are galvanised, the barrel and end plates painted. Alternatively at extra cost the complete shutter can be Powder Coated to a standard range of both BS and RAL colours.



Door being subjected to stringent fire test for four hours



### Optional Extras

The shutter can be supplied with a Fire Control Panel, this has incorporated in to it a visual/audible alarm, timer mechanism and battery backup. The Fire Control Panel functions by accepting the signal from the fire alarm, this activates the audible/visual alarm and holds the signal to close the door for the preset period determined at the installation stage. Once the signal is released the door will fall under controlled descent until final closing. Please consult Enerco for any specific requirements.

Other products in the Delta range from Enerco include: -

- Delta Guard – Commercial Shutters
- Delta Roll – Steel Roller Shutter Doors
- Delta Speed – High Speed Doors
- Delta Secure – High Speed Security Doors
- Delta Slide – Insulated Overhead Doors
- Delta Insudoor – Insulated Roller Shutters
- Delta Part – High Speed Bi – Parting Doors
- Delta Strip – Strip Curtains
- Delta Steel – Steel Security Door Sets
- Delta Fold – Steel Sliding Folding Shutters
- Delta Level – Dock Levellers
- Delta Lift – Scissor Lifts
- Delta Seal – Dock Sealing Systems
- Delta Shield – Perimeter Security
- Delta Bar – Window Bars
- Delta Grille – Retractable Window Grilles
- Delta Service – Service and Repairs
- Delta Load – Loading Bay Accessories
- Delta Garage – Garage Doors

Please contact our sales team for more information on 01525 289322 or a brochure. Alternatively visit our web site [www.enerco.co.uk](http://www.enerco.co.uk)

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