

Delta Roll 2000 Push Up - Pull Down, Security Roller Shutter Door
Product Data Sheet
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Product Description

The Delta Roll 2000 push up pull down operated roller shutter is designed for applications where security is off paramount importance. The door is manually opened and closed by lifting and lowering the curtain. The weight of the curtain is counterbalanced by a torsion spring mounted in the barrel. The size of spring is calculated by the weight of the curtain to ensure the energy required to lift and lower the curtain does not exceed the manual handling regulations. If an electric drive or manual hand chain door is required then our other Delta Roll products are to be used. The door is ideally suited to shop front applications, office building security, etc. The compact design ensures that the door is adaptable to most environments whether fitted inside or out.

Curtain

Constructed from 75mm wide curved section in 22SWG, 20SWG or 18SWG (over 22 Sqm), interlocking galvanised (EN10142 bright spangle) steel lath finished with a T section bottom rail. Each lath is locked together to prevent lateral movement using a nylon/steel end locks.

The curtain can be supplied in solid, perforated or a punched format. The punching can be supplied in either an inline or brick bond type format. In addition to the above tube and link curtains are available.

The above types of curtain can be supplied in either standard galvanised, powder coated or plastisol.

Barrel

Constructed from ERW steel tube mounted on a steel stub shafts. Bearings are fitted to each end of the barrel and the shaft locates into cups fitted to each end plate. Barrels incorporate helical torsion springs to counterbalance the weight of the curtain and the arrest feature is an optional inertia safety anti fall brake installed one side (subject to the risk assessment of the door application).

Manual Operation

By means of manually lifting the door to its top stop. To close the door simply pull the bottom rail down and allow the door to close under controlled descent. The weight of the curtain will be balanced when the door is half way and biased to go up when raised above half way and biased to close when over half way down. At no point will the curtain weight exceed that of the manual handling regulations.



Locking

The bottom rail of the door is fitted with a viro lock which when closed locates into each guide by means of turning a key. Alternatively or in addition to, bullet locks can be fitted to both guides that push through holes in the curtain, again these are fitted and removed by means of a key.

Guides

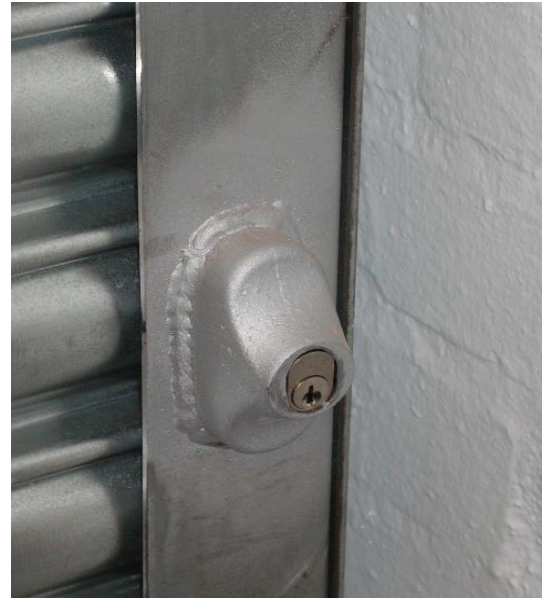
Constructed from 3mm x 63mm steel wind guide channel bolted to 75mm x 50mm steel angle. For large exposed doors, either deeper guide channels are used or wind locked guides complete with fitting steel wind locks to the curtain in addition to the end locks.

Standard Finish

Galvanised
One coat of primer paint, on non-galvanised faces.

Optional Extras

- Plastisol Coated Lath
- Perforated Lath
- Punched Lath
- Powder Coated
- Wicket gate
- Canopies, Fascia
- Bottom Draught Strips.
- Side Brush Seals
- Ground Locks



Installation combining a Delta Roll 1000 tube operated roller shutter to the left and push up pull down Delta Roll 2000 on the right with bullet locking in each guide

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