

Delta Slide 1000 Sectional Insulated Overhead Door

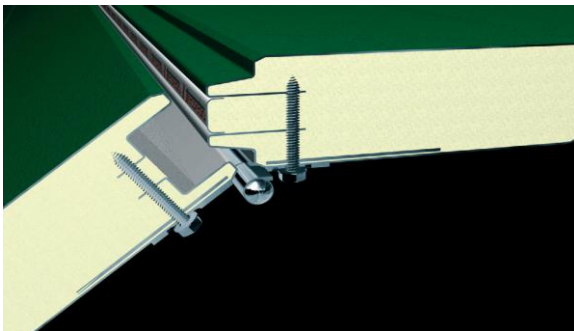
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Product Description

Delta Slide 1000 Sectional Insulated Overhead Doors have steel panels in combinations of 750mm, 625mm and 610mm high, and are finished on the internal face with stucco embossed, white polyester coated 0.4mm galvanized steel. Externally the door is finished as standard with 0.5mm galvanized steel with either a HP200 (Plastisol), galvanized, or polyester coated finish.

There are currently 21 standard polyester colours available for the external face of the door (please see below for the list of standard colours available). A variety of other finishes, including, PVF2 and paint finishes are available to standard BS or RAL colours. Panels are nominally 40mm thick, rigid, with high-density polyurethane CFC free foam infill, to give a 'U' value of 0.6 w/m² °c.

Extruded polymer seals are fitted between each of the panels and also at the top, bottom and both sides of the door. Hinged roller carriers that are fully adjustable are fitted and adjusted to ensure the door is perfectly sealed on all sides when closed. These rollers also ensure the door glides open and closed smoothly. The panel end cassettes, tracks and all fittings are galvanized or electro-zinc plated. The door conforms to CE Standard and is marked accordingly.



Door Panels

The panel is a composite structure manufactured from internal and external skins of galvanized steel to provide extra strength and injected with high density polyurethane CFC free foam to provide a 'U' value of 0.6W/M² °C.

To ensure a thermal break is achieved, the internal and external faces do not come into contact therefore reducing cold/heat transfer through the door panels.

The ends of each panel are capped with strong galvanized steel end cassettes. Approximate panel weight is 13.6Kg/M².

Door Seals

All door seals are manufactured from extruded, non-absorbent rubber designed to resist draughts, dust and water.

The top door panel is fitted with an integral seal that eliminates the gap between the structural lintel and the door.

The side seals fit between the faces of the door panel and the guide jamb angles.

The bottom of the door is sealed to the threshold with an extruded 'D' type rubber seal fitted with additional profile to provide three points of contact between the door and the threshold.

The joints between each panel section are profiled to minimize the ingress of water or draught and also include compressible rubber seals.



Guide Roller Carriers & Hinges

Roller carriers shown on the right, are fully adjustable and fitted to the ends of each panel. Each roller carrier comprises of a nylon roller, hinged carrier and scroll. In instances where wide doors are fitted double roller carriers are fitted. Long stem rollers are fitted to both top and bottom carriers and short stem rollers to the all others except where double hinged roller carriers are used in which case long stem rollers are fitted to every carrier. Each roller is fitted with sealed bearings, for a smooth, quiet operation. Intermediate hinges are fitted in line with the door width.



Bottom Roller Brackets

In compliance with European legislation, all Enerco Delta Slide doors are fitted with safety bottom brackets as standard. These are sprung loaded assemblies which in the event of a cable breaking, will arrest the doors downward movement.

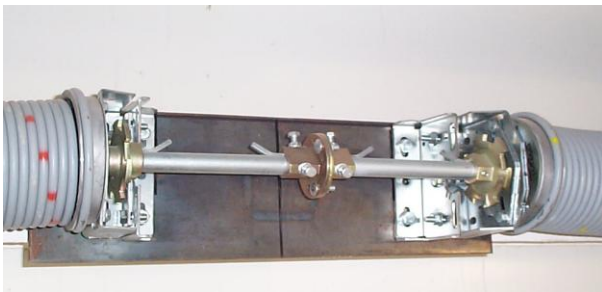
Locking

As standard all doors are fitted with a shoot bolt locking device fitted on the inside of the door to the operational handling of the door. Where doors are electrically operated the lock is electrically interlocked to prevent the door being operated whilst the lock is in place.



Track System

The track system design caters for every type of installation (subject to the clearance required for door and track). Standard types of tracks cover, low, high, vertical, standard lift and follow the roof options. All of the above standard fitting and clearance drawings are available on request to assist detailing. All track components are galvanized and electro-plated for good service life and aesthetics. The cable drum, tempered helicoil springs and cables are specifically designed to counter the weight and operation of the door.



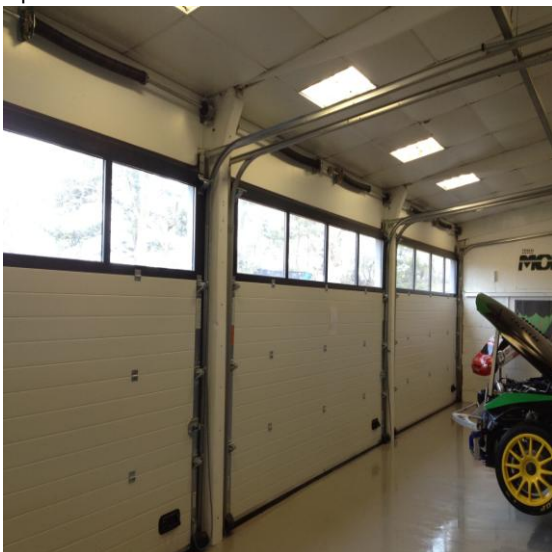
Counterbalance Spring Assembly

The door has a counterbalanced spring assembly fixed on shafts that are attached to the structure by strong bearing plates. As standard each spring is anchored at the fixed end using a ratchet spring break device. In the event of a spring breaking, the device arrests the shaft preventing the door from being operated until the spring is repaired. Each tempered helical torsion spring is calculated to compensate the weight of the door panels to ensure the door functions correctly. The cable drums fixed at each end of the shafts carry the galvanized steel cables that support the weight of the door.

Operation

Delta Slide 1000 is balanced by the torsion spring assemblies to ensure that large sized doors are easy to operate manually. Up to 3m high, doors would usually be operated by pull rope with a lift handle in the door panel. Above 3m high the door will be opened by geared hand chain. Power operation, if required, is via an electric motor drive and control system.

A composite dock control interface panel is also available controlling our full range of products including traffic lights, dock lights, dock levellers (telescopic or hinge lip, truck latches, inflatable air seals with full interlock control and sequenced operation.



Vision Panels

Delta Slide doors can be supplied with vision panels and quantities are based on one window per metre of door width. The standard window is a double glazed unit complete with injection-moulded frame with rounded corners and butyl seal. Various sizes and types are available, also multi-vision panels or fully glazed panoramic.

Wicket Doors

Integral wicket doors can be provided in doors up to a width of 4.5mm wide. They have effective seals and security locks, and when the main door is motorised, an interlock to prevent operation of the main door when the wicket door is open. Wicket doors within overhead doors usually have a threshold step over strip, and are positioned centrally. When the wicket door is required as a fire escape, Enerco offer a wicket door without threshold.

Alternatively a separate personnel door to the side of the main door may improve the design of the opening to meet this statutory requirement.

Wicket doors are not recommended in low headroom doors.

Colours: - subject to change, please check availability.

Polyester Enamel over a Stucco Embossed Finish, available in the following colours:

(Outside only, inside white polyester)

RAL9002 Bone White, RAL9010 White, RAL5010 Gentian Blue, RAL3000 Sunset Red, RAL 9006 Silver, RAL 7016 Anthracite, RAL 6005 Moss Green, RAL1015 Honesty, BS18B25 Merlin Grey, BS10A05 Goosewing Grey, RAL5003 Sargasso or Sapphire Blue, BS08B29 Vandyke Brown, BS18E53 Cornflower or Solent Blue, BS12B27 Olive Green, BS10E55 Sunflower or Aztec Yellow, Albatross BS18B17, BS18C39 Azure or Ocean Blue, BS04E53 Flame or Poppy Red, RAL 6002 Leaf or Heritage Green, BS08C35 Bamboo, BS12B21 Khaki or Moorland Green

HPS200 Plastisol Finish, available in the following standard colours:

(Outside only, inside white polyester)

BS10E55 Sunflower or Aztec Yellow, BS18E53 Cornflower or Solent Blue, BS10A05 Goosewing Grey, BS18C39 Azure or Ocean Blue, BS08B29 Vandyke Brown, BS18B25 Merlin Grey, RAL 5003 Sargasso or Sapphire Blue, BS12B27 Olive Green, BS04E53 Flame or Poppy Red, RAL 6002 Leaf or Heritage Green, BS12B21 Khaki or Moorland Green

Technical Data

Application	Internal	Yes
	External	Yes
Speed	Maximum opening speed	200mm/s
CE Marked	Manufacturers Declaration Of Conformity	Compliant
Mechanical compliance	BS EN12604	Compliant
Safe Use Of Power Operated Doors	BS EN12453	Compliant
Safety equipment	DIN EN13241 – 1	Compliant
Resistance against wind pressure	DIN EN12424	Class 3 (100km/h)
Water Tightness	DIN EN12425	Class 3 (70 Pa)
Air Permeability	DIN EN12426	Class 2
Sound Insulation	DIN EN717 – 1	22dB
Door sizes	Width LB max. mm	8000
	Height LH max. mm	7000
Space requirement for fitting	Subject to track arrangement	See drawings
Control Panel Style & Size range	Subject to style of motor and accessories	See drawings Temperature -30°C - +70°C
Guide / track material	Subject to application	Included
Operator and controls	Galvanised steel	Included
	Built On or Separate Starter	Included
	Supply voltage	1PHNE or 3PHNE
	Open button	Included
	Emergency Stop	Included
	Fuse	16amp slow acting
	Protection category	IP55 standard
	Safety protection	Optional
		Optional
	Pre-coated steel casing	Optional
	Photocell	Optional
	Wireless safety edge	Optional
	Timed closing	Optional
	Digital limits	Optional
Emergency Opening	Hand crank	Optional
	Hand chain	Standard
	Change over push up pull down	Optional
Activators	Induction loop	Optional
	Photocells	Optional
	Pull cords	Optional
	Radar	Optional
	Radio control	Optional
	Proximity Sensor	Optional
Accessories	Traffic lights	Optional
	Flashing beacon	Optional
	Audible alarm	Optional
	Protection barriers / Bollards	Optional

Warranty

The Delta Slide 1000 door is supplied with a 24 month parts and labour warranty as standard providing the equipment is serviced by an Enerco trained fully qualified high speed door engineer in accordance with the service intervals detailed below. To satisfy the requirements of the warranty, an agreement must be signed and dated within 30 days of the installation date. Failure to service the product in accordance with the service schedule or by unqualified engineers will result in the warranty being null and void.

Servicing

To help protect your investment and extend the effective working life of the equipment, full maintenance packages are available and, in most cases, we can maintain all of your existing doors and loading bay equipment. The door must be serviced at least once per annum or every 5,000 cycles whichever is applicable. Full details of our preventative maintenance packages are available on request. Enerco recommend the first service is carried out 6 months after installation to ensure the number of cycles can be monitored.

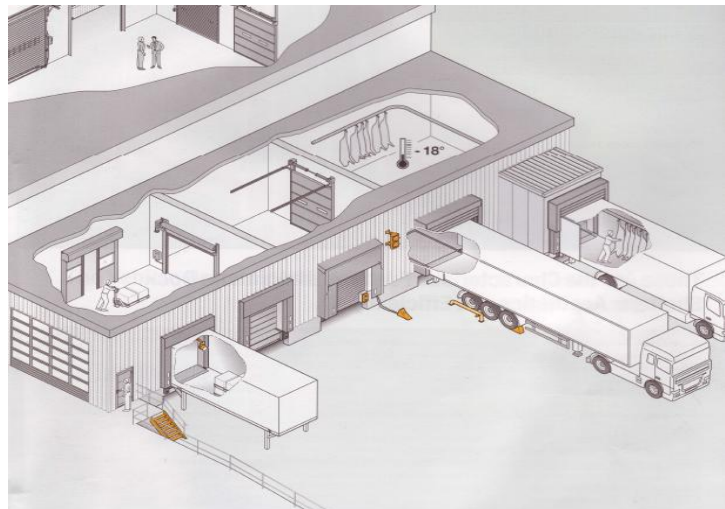


We have Safe Contractor, CHAS and Construction Line accreditation as well as being active members of the Doors and Hardware Federation (DHF) where we have their seal of approval for the service and maintenance of doors. We ensure that our staff are trained to the highest standard and all have an NVQ qualification in line with current industry guidelines This NVQ is in addition to the CSCS Health and Safety, First Aid, Asbestos Awareness and other training including product training applicable to our industry and is continually being updated.



Other products in the Delta range from Enerco include: -

- Delta Guard – Commercial Shutters
- Delta Roll – Steel Roller Shutter Doors
- Delta Check – Fire Roller Shutter
- Delta Secure – High Speed Security Doors
- Delta Speed – High Speed 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 Glide – 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 or our dedicated high speed door site www.enercohighspeeddoors.co.uk .

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