

## Delta Slide 2000 Panoramic Sectional Overhead Door

Product Data Sheet  
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### Architectural Specification

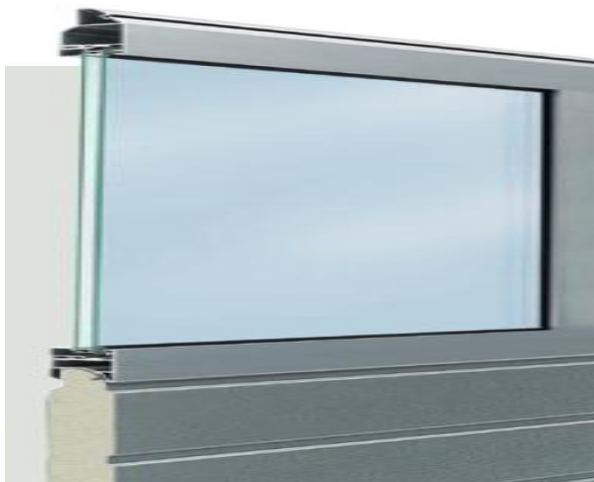
Delta Slide 2000 Panoramic Sectional Overhead Doors offer a proven combination of robust design, double glazing and insulated solid panels. The panels are available in combinations of 500mm, 750mm, 1000mm, high sections.

The door section elements harmonise perfectly even in the standard colours of white aluminium based on RAL9006 for the bottom panel, and natural anodised aluminium for the glazed panels. Special colours are available on request.

The stability of the product is enhanced by the 42mm thick bottom panel in filled with 100% CFC free polyurethane rigid foam

The size range available is up 8000mm wide and 7000mm high. The door offers resistance to wind pressures of class 3, water tightness class 3 and air permeability class 2.

Due to the double glazing and foam filled bottom panel the door has sound insulation of 19dB and a thermal insulation value to EN13241 of  $U = 3.8W/m^2K$  or  $4.08W/m^2K$  with a wicket door.



Extruded rubber seals are fitted between the panels and also at the top, bottom and sides of the door. Hinged wheel carriers are fully adjustable to obtain the maximum protection from the elements and simplicity of operation. End stiles, 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  $0.45W/M2$  °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 stiles. Approximate panel weight is 13.6Kg/M2.

### 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.



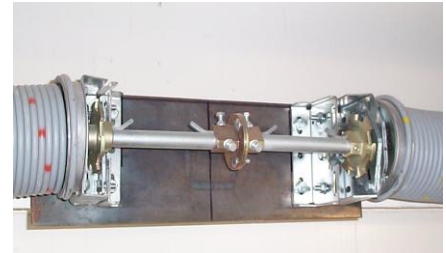


**Guide Roller Carriers & Hinges**

Roller carriers are fully adjustable and fitted to the ends of each panel and include nylon rollers, with sealed bearings, for a smooth, quiet operation. Intermediate hinges are fitted in line with the door width.

**Counterbalance Spring Assembly**

The door has a counterbalanced spring assembly fixed on shafts that are attached to the structure by strong bearing plates. Each tempered helicoil spring is calculated to compensate the weight of the door panels to ensure the door functions correctly. The cable drum fixed at each end of the shafts carry the galvanized steel cables that lift the door.



**Operation**

Delta Slide 2000 doors are perfectly 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 2000 Panoramic doors are supplied with vision panels that can be tailored to suit your requirements. Various designs are available from the conventional solid bottom panel with the remainder of the door glazed or single / multiple glazed section or fully glazed panoramic.



Delta Slide 2000 Optional Vitraplan Model

**Pass Doors**

Pass 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 pass door is open. All pass doors within overhead doors have a threshold step over strip, and are positioned centrally. As this could be a tripping hazard fire authorities may not accept this, as means of escape.

A separate pass door to the side of the main door may be a better design to meet this statutory requirement.

Pass doors are not recommended in low headroom doors.

**Security**

A spring lock is standard on all manual doors, usually secured by a padlock, which is supplied by others. As an extra, Yale locks are available for internal and external doors. Powered doors, required to be secured by shoot bolts do require an electrical interlock.

**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, RAL8014 Sepia Brown, RAL 8019 Grey Brown, RAL 7016 Anthracite, RAL 6009 Fire Green, RAL 6005 Moss Green, RAL 9007 Grey Aluminium.

HPS200 Plastisol Finish, available in the following standard colours:

(Outside only, inside white polyester)

10E55 Sunflower Yellow, 18E53 Cornflower Blue, 10A05 Goosewing Grey, 18C39 Azure Blue  
08B29 Vandyke Brown, 18B25 Merlin Grey, 5003 Sapphire Blue, 12B27 Olive Green, 04E53 Flame Red, RAL 6002 Leaf Green, 12B21 Khaki 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	Subject to style of motor and accessories	See drawings
Temperature range	Subject to application	-30°C - +70°C
Guide / track material	Galvanised steel	Included
Operator and controls	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	Pre-coated steel casing Photocell Wireless safety edge
		Optional
		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 2000 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.

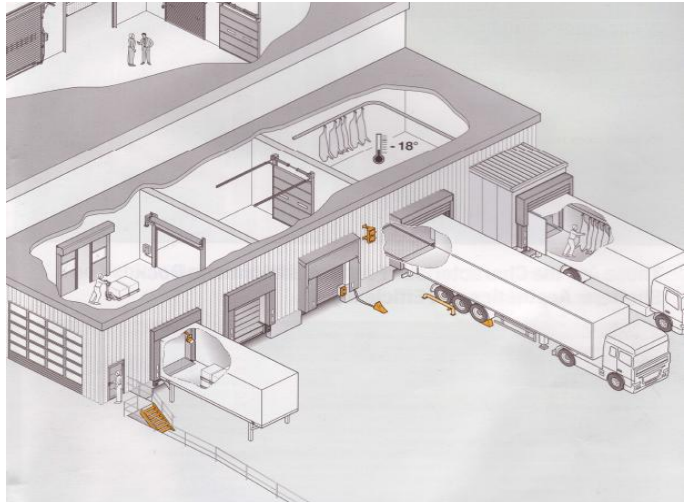
We have Safe Contractor, CHAS and Construction Line accreditation as well as being active members of the Doors and Hardware Federation (DHF) where we have their seal of approval for the service and maintenance of doors. We ensure that our staff are trained to the highest standard and all have an NVQ 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](http://www.enerco.co.uk) or our dedicated high speed door site [www.enercohighspeeddoors.co.uk](http://www.enercohighspeeddoors.co.uk)

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