

## Delta Seal 1000 Retractable Dock Shelter

### Product Data Sheet 11 / 1

#### General Description

Dock seals are widely used to seal the gap between the vehicle and the building so that when the loading door is open the goods and personnel are protected from the inclement weather conditions.

Especially in our current unpredictable weather patterns these dock shelters are not a luxury but more a Health & Safety and quality assurance necessity.

#### Benefits include

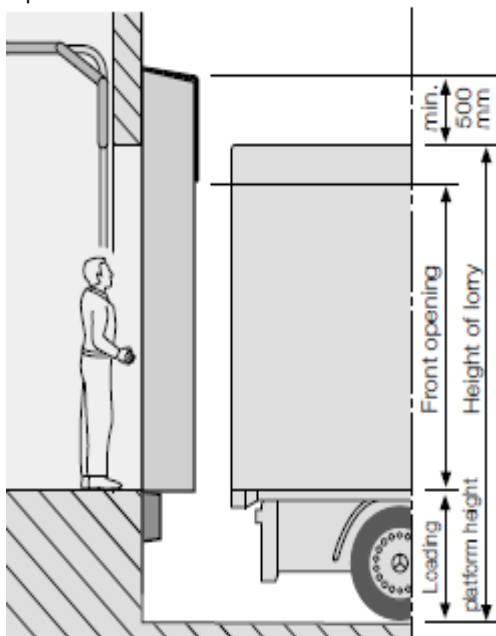
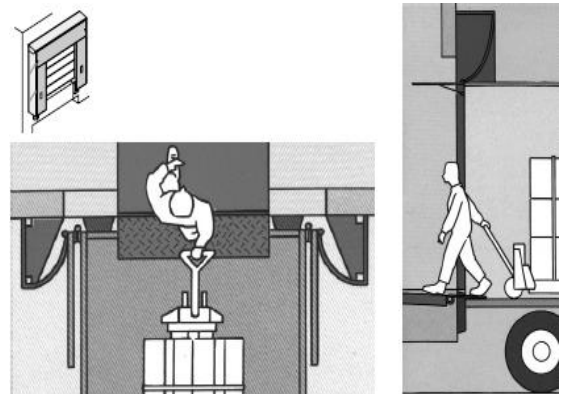
- The saving in energy costs is considerable and carbon footprint reduced.
- It is less likely that goods will be soiled, get wet, inadvertently heated (when an appropriate shelter /seal is used), product stolen or damaged in some other way.
- Personnel fall sick less frequently
- Birds, insects and other vermin are no longer able to fly into the building.

#### Type Of Shelter / Seal

Which type of shelter is ideally suited to your operational requirements should be based on the following criteria;

- Frequency - how often is the door to be used for loading and unloading purposes?
- Duration - how long does the loading and unloading process take?
- Goods - What type of goods are being protected?
- Vehicles - What is the size (maximum & minimum widths and heights), shape and types of vehicles or containers?
- Discipline - Who will be using the loading bays?

It's not the door that dictates the size but the trailer dimensions. Remember even the lowest of vehicles can be accommodated just ask Enerco to design the type of shelter required.



#### Installation Requirements

A minimum 75mm wide flat stable fixing face is required to mount the dock shelter on all three sides. This can be either steel, concrete or other material providing the material is suitable for our 8mm dia. fixings.

#### Requirements Of The Dock Door

The door opening should not be too small as a trailer or container with its doors opened often has an external dimension of 3000mm and a high vehicle such as double deck trailers combined with inclined loading bays often results in the trailer top being behind the outer structure of the building. In these cases the doors need to be wider than the maximum width of the trailer and / or the dock face must protrude further than the building structure. When considering these parameters ensure that the correct buffers are installed.

#### Size Calculation

The optimum height of the dock shelter is calculated by taking the maximum height of the trailer and adding 500mm. The head curtain height is calculated by subtracting 100mm and the minimum trailer height from the overall height. The width of a standard dock shelter is 3500mm with a clear width between the side curtains of 2200mm.



## General Description

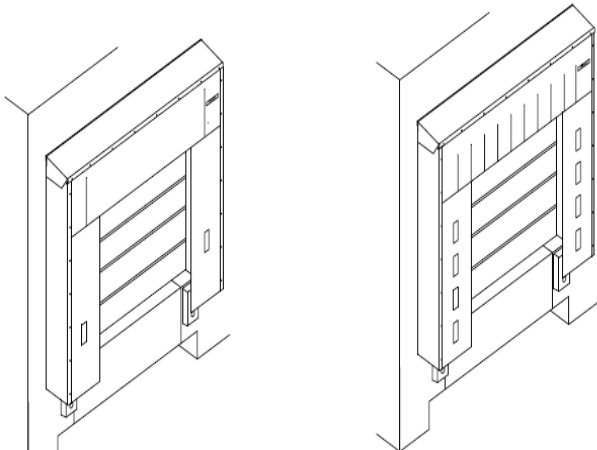
The Enerco Delta Seal 1000 retractable dock shelter model can be mounted at the dock height or ground level as determined by your operational requirements.

As explained above, the size of the dock shelter is dictated by the range of trailers that will be using the equipment. In the photograph to the left the dock height is 1300mm, the shelter height is 3500mm and the head curtain height is 1200mm. This dock shelter will seal vehicles up to 4300mm high and as low as 3700mm.

This uniquely designed shelter will allow the front curtains to flex in a controlled manner against a reversing vehicle, to suit various widths and heights of vehicles. The vehicles would reverse into the head and side curtains to affect a wipe seal on the head and side of the vehicles.

## Frames

The main frames are galvanised steel box sections 60mm x 30mm x 1.5mm with a galvanised box section parallel strut mechanism. The curtains will be secured on the three external frame edges by an aluminium angle 25mm x 50mm. The frame will slope from rear to front to assist drainage.



## Cladding

The flexible cladding on the sides and roof will be heavy-duty 600gm m2 black PVC/polyester material. A translucent material is also available should more light be required within the dock. The roof will fall slightly to the front to assist with drainage.

## Curtain Material

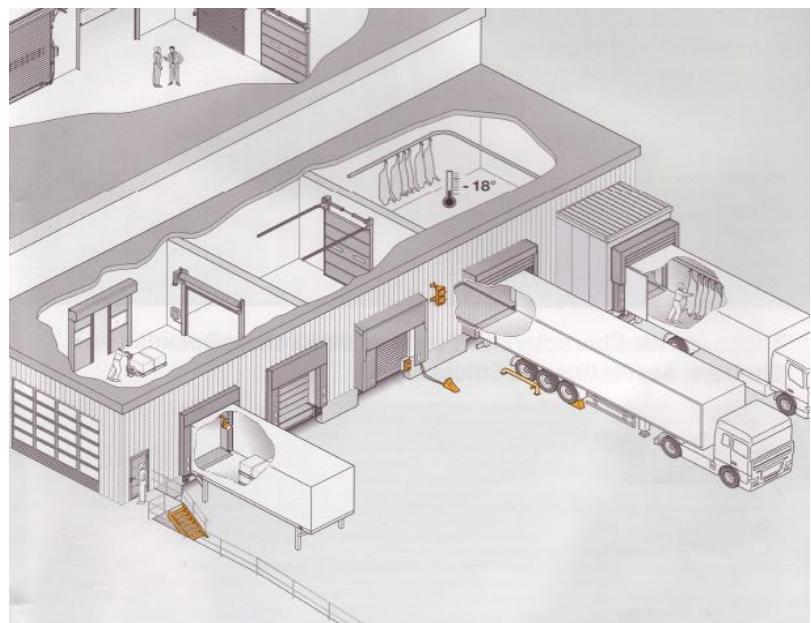
Both head and side curtains are heavy-duty 4mm thick PVC Derco black fabric specifically designed for robust use with dock shelter curtains.

An elastic wind guy system is attached to the top of the side's guides and top of the frame and the lower corners of the head curtain and the side frame to maintain curtain positions.

The side curtains will have safety guidelines yellow 100mm wide welded guide stripe to assist correct positioning for reversing vehicles.

## Optional Accessories

- Corner side pads for four-side sealing
- Bottom curtains for level access shelters
- Bay numbers welded on to head curtains
- Laminated strip head curtains as shown in the right hand sketch above
- Adjustable head curtains (manual or electric) to cater for wide ranges of vehicles)
- LED traffic lights with or without automatic operation.
- Wheel Guides 168mm dia. steel tube, yellow or galvanised finish cast in or bolted type. (Recommended)
- Bollards 168mm dia. x 1200mm high steel tube, yellow or galvanised finish, cast in or bolted type
- Rubber Buffers
- Composite control panels



### Warranty

The Delta Seals are supplied with a 24 month parts and labour warranty as standard providing the equipment is maintained in accordance with the manufacturer's instruction and not modified in any way whatsoever.

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 Slide – Insulated Overhead Doors                 | Delta Crash – Rubber, Polyurethane & PVC Swing Door |
| 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 Load – Loading Bay Accessories                   | Delta Shield – Perimeter Security                   |
| Delta Speed – High Speed Doors                         | Delta Grille – Retractable Window Grilles           |
| Delta Service – Service and Repairs                    | Delta Insudoor – Insulated Roller Shutters          |
| Delta Glide – Garage Doors                             | Delta Bar – Fixed & Removable Security Window Bars  |
| Delta Glaze – Aluminium Glazed Window and Door Systems |   |

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 specification of the product or product data sheet without prior notification.