



## Loading Bay / Dock Equipment Dock Shelters

**Product code BFR SHELTER DR500**

Inflatable dock shelters provide you with the ultimate level of insulation between the external environment and the environment in your factory or warehouse.

The DR 500 Inflatable Dock Seal is suitable where there is a wide variation in vehicle height and the vehicles in use may have 'barn' type doors where a gap is created between the sides of the vehicle and the open doors. In these cases, conventional inflatables and static shelters do not seal the vehicle to the building.

The side elements of this shelter inflate straight out from the face of the building onto the rear of the vehicle while the head seal inflates down onto the vehicle roof.

### Specifications:- Dock Shelter DR500

1000 denier Cordura fabric is sewn for the head and side bags. Cordura is a very hard wearing, tear resistant, waterproof material. It is manufactured from woven nylon coated with a tough polyurethane skin. A heavy-duty two ply PVC to 3.5mm thick is used for the head storage curtain.

The head seal is mounted on a backboard complete with a counterbalanced roller retraction system to return the deflated bag to the stored position behind the PVC storage curtain. The whole assembly is mounted under a 50mm thick insulated panel coated both sides with plastisol coated galvanised steel sheet, standard colour white. The roof is supported on galvanised steel brackets at either end which are bolted back to the building.

The side seals are mounted on lightweight galvanised steel profiles the side bags have an internal retraction system storing them flat against the building when deflated.

The side bags inflate straight out to seal the back of the vehicle giving minimal loading stresses to the building structure. The counterbalance weight for the head seal runs vertically behind one of the side seals. A high visibility vehicle guide stripe is stitched to the lower front face of the side seals to aid the docking vehicle to locate centrally to the doorway.

The fan is powered by a 0.18kw 415v 3ph electric motor. Inflation time is W-15 seconds. "Standard control is an on/off Switch. The fan is switched on after the vehicle has docked and is run continually whilst the loading/unloading operation takes place. The fan is switched off prior to the vehicle leaving.

Diagram right shows air seals inflated, sealing the space between the vehicle and building.

**Options:**

- Colour matching
- Safety systems
- Wheel guides
- Ground mounted
- Draught curtains
- Loading lights

