

Dockright DR100/101

Foam Pad Seal

Architectural Specification

DR100/101 is the secure and cost-effective answer to sealing the rear of the vehicle to a loading dock, protecting conditions inside the building from adverse conditions outside the building. The pad system is constructed to fit the structural opening whilst interfacing within the size parameters of the vehicles.

DR100 main cover is constructed from 900gm/m² PVC/polyester and faced with a 1500m² Neoprene/nylon to form the main wear area, with a high visibility vehicle guide stripe sewn to each side pad.

DR101 main cover is constructed from 900gm/m² PVC/polyester and faced with 1500m² Neoprene/nylon wear pleats which overlap giving more movement. Each wear pleat has high visibility vehicle guide stripes sewn to them.

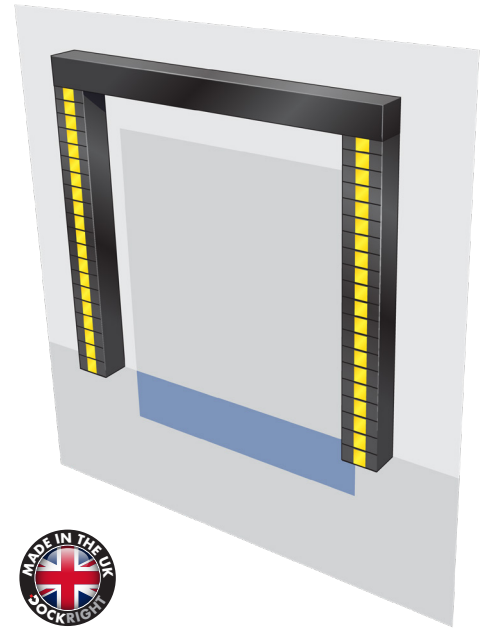
Detailed Specification

Cover Fabric

The main body cover is constructed from one piece of 900gm/m² PVC coated polyester fabric with no transverse seams top to bottom which alleviates splitting problems due to heavy usage. The covers have air vents to allow air to exhaust on compression.

DR100 - stitched to the front face of the cover and extending 50mm down each side and ends is a single piece of hard wearing 1500gm/m² Neoprene coated nylon which forms the main wear area to the seal. A high visibility guide stripe is stitched to the centre of each side pad to aid the docking vehicle to locate centrally to the doorway.

DR101 - side seals have double stitched, 100% overlap wear pleats sewn to the front face for heavy usage. A high visibility guide stripe is stitched to the centre of each side pad to aid the docking vehicle to locate centrally to the doorway.



Foam Pad

A lightweight polyether fire retardant foam with great recovery rate is used for the core of the pad seals. The foam pads are bonded to either a 50mm treated back board or a galvanised steel profile tray depending on customer requirements.

A full range of mounting systems to cover any application are available to fix the pads to the building.

Foam Grade	Average density	Nominal hardness	Tensile strength	Elongation	Classification
RX21110	20-22 kg/m ²	94-125 Newtons	50kPa (Min)	90 % (Min)	L

Optional equipment

Wheel guides are strongly advised to prevent vehicle misalignment. Minimum 100mm projection dock bumpers must be used.

For heavy use the side pads can be supplied in sections, for ease of replacement.

Extra reinforcing can be stitched to the lower sides of the side seals to alleviate pallet scuffing.

Sizing

Head and side pad standard profile is 300mm square with a height to suit building 7 vehicle parameters. The head pad height can be varied to suit a greater range of vehicle heights.

The side pads may be bevelled (wedged) for use on wide doorways and tapered for vehicle approaches that are not level.

Structural Requirements

As the vehicle reverses on to the pads, the pressure stresses from the vehicle are transmitted to the building.

Therefore, it is paramount that a structurally sound fitting area is provided that is both flat and in the same plane to all 3 sides and able to sustain the load.

Safety

Each side pad has a high visibility guide stripe stitched full height to the front face to aid vehicle alignment.



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Document no. DR100/101SP Issue 1 Date 15/01/2025

Dockright DRM100/101

Foam Pad Seal with Mobile Head

Architectural Specification

DRM100/101 is the secure and cost-effective answer to sealing the rear of the vehicle to a loading dock, protecting conditions inside the building from adverse conditions outside the building. The pad system is constructed to fit the structural opening whilst interfacing within the size parameters of the vehicles.

The head pad runs in steel tracks between the side pads over the length of its adjustment. The head pad is suspended by a full width blind, which is attached to either a spring loaded barrel or electric tube motor barrel for smooth height adjustment. The blind also forms a seal when the head pad is below the door lintel.

Detailed Specification

Cover Fabric

The main body cover is constructed from one piece of 900gm/m² PVC coated polyester fabric with no transverse seams top to bottom which alleviates splitting problems due to heavy usage. The covers have air vents to allow air to exhaust on compression.

DRM100 - stitched to the front face of the cover and extending 50mm down each side and ends is a single piece of hard wearing 1500gm/m² Neoprene coated nylon which forms the main wear area to the seal. A high visibility guide stripe is stitched to the centre of each side pad to aid the docking vehicle to locate centrally to the doorway.

DRM101 - side seals have double stitched, 100% overlap wear pleats sewn to the front face for heavy usage. A high visibility guide stripe is stitched to the centre of each side pad to aid the docking vehicle to locate centrally to the doorway.

A suspension blind is attached full width across the top of the head seal in 900gm/m² PVC polyester.

Foam Pad

A lightweight polyether fire retardant foam with great recovery rate is used for the core of the pad seals. The foam pads are bonded to a 50mm treated back board. The side seal timber back boards have a galvanised steel track rebated into the top inner side to form a guide track for the adjustable head. The adjustable head backboard has steel angle brackets fitted to each end holding 2 nylon rollers each which will run in the tracks

on the side pads. The head pad is suspended full width on a 900gm/m² PVC polyester blind attached to the roller barrel. The shaft of the roller is mounted on end plates positioned over the top of each side pad. The spring roller is tensioned so that the head pad will always return to its upper position when released. The head pad is held in the required position by cords and jam cleats mounted on each side pad.

Foam Grade	Average density	Nominal hardness	Tensile strength	Elongation	Classification
RX21110	20-22 kg/m ²	94-125 Newtons	50kPa (Min)	90 % (Min)	L

Optional equipment

Spring loaded or tube motor barrels can be specified for head pad adjustment.

Wheel guides are strongly advised to prevent vehicle misalignment.

Minimum 100mm projection dock bumpers must be used.

For heavy use the side pads can be supplied in sections, for ease of replacement.

Extra reinforcing can be stitched to the lower sides of the side seals to alleviate pallet scuffing.

Sizing

Head and side pad standard profile is 300mm square with a height to suit building 7 vehicle parameters. The head pad height can be varied to suit a greater range of vehicle heights.

The side pads may be bevelled (wedged) for use on wide doorways and tapered for vehicle approaches that are not level.

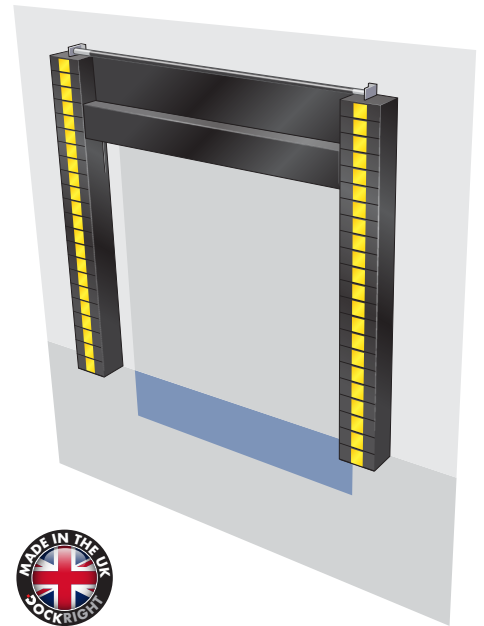
Structural Requirements

As the vehicle reverses on to the pads, the pressure stresses from the vehicle are transmitted to the building. Therefore, it is paramount that a structurally sound fitting area is provided that is both flat and in the same plane to all 3 sides and able to sustain the load.

Particular attention should be paid to the area immediately behind the side tracks as pressure from the head pad is transmitted directly to this surface.

Safety

Each side pad has a high visibility guide stripe stitched full height to the front face to aid vehicle alignment.



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Document no. DRM100/101SP Issue 1 Date 15/01/2025

Dockright DR200

Static Shelter

Architectural Specification

DR200 Rigid dock shelter is manufactured with a 60mm x 30mm galvanised steel box section main frame which is clad in either a black flexible PVC or Plastisol coated sheet steel.

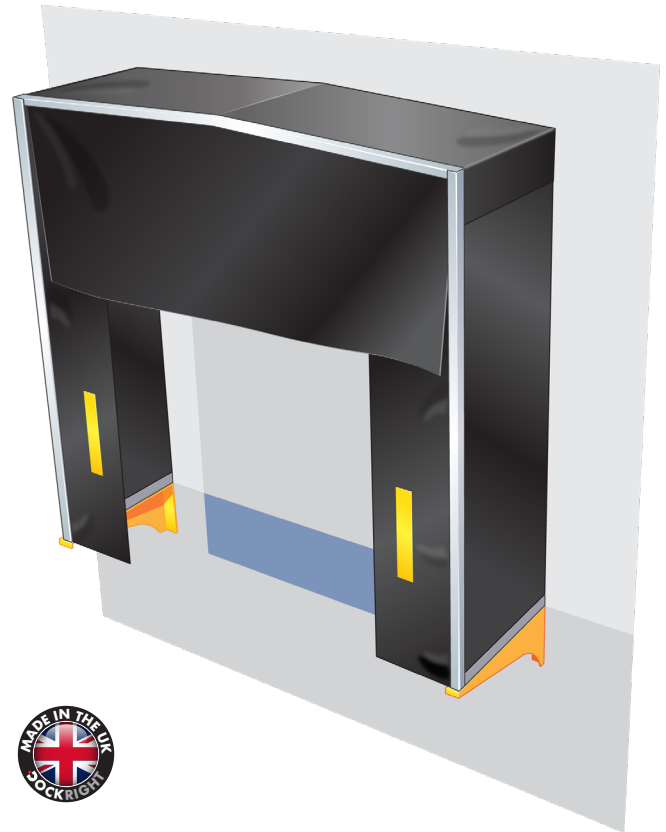
Two vertical sides and one transverse head curtain are manufactured from 3mm thick PVC material which seals against the top and sides of a vehicle body. Vehicle guide markers are heat welded to each side curtain.

Detailed Specification

Curtain Material

3mm thick PVC material with high wear & tear resistance is used for the side and head curtains.

The curtains have a wind restraint system to maintain integrity during windy conditions.



Side Curtain 7812

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	For base fabric	Remarks
3800 g/m ²	3mm	7000/4300 N/50mm	1000/900 N	PES	1100+mono	P 2/2	monofil in weft direction	Stiffness grade 6

Head Curtain 7808

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	Remarks
3800 g/m ²	3mm	6000/5000 N/50mm	1000/900 N	PES	1100 dtex	P 2/2	Stiffness grade 4

Framework

The roof frame is constructed from 60mm x 30mm pre-galvanised steel box section forming front and rear transverse cross beams. The roof frame is pent with a 30mm slope to either side to assist water run-off. The side and roof frames can be clad with either a black flexible 900gm/m² PVC or Plastisol coated sheet steel standard colour is black.

The front and sides are trimmed with aluminium angle. The frames can be made to be mounted at either dock height or ground level. The dock height model is mounted on yellow steel A-frames. A-frames are constructed from 3mm mild steel and powder coated yellow.

Optional equipment

A strong recommendation is made to use either wheel guides or traffic bollards to minimise potential vehicle damage to the shelter frame.

An adjustable head curtain can be used when sealing vehicles with different heights.

A fully integrated traffic light system may also be supplied.

Safety

Each side curtain has vehicle guide markers to assist the vehicle in correct positioning within the shelter for a safe loading/unloading operation.



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Document no. DR200SP Issue 1 Date 15/01/2025

Dockright DR200I

Insulated Static Shelter

Architectural Specification

DR200I Rigid dock shelter is manufactured with 50mm insulated panels, coated in white plastisol cladding.

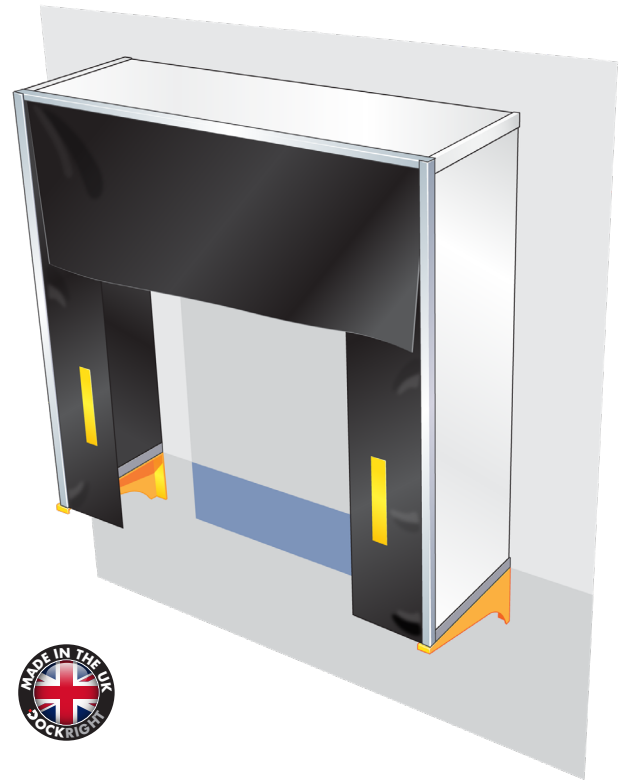
Two vertical sides and one transverse head curtain are manufactured from 3mm thick PVC material which seals against the top and sides of a vehicle body. Vehicle guide markers are heat welded to each side curtain.

Detailed Specification

Curtain Material

3mm thick PVC material with high wear & tear resistance is used for the side and head curtains.

The curtains have a wind restraint system to maintain integrity during windy conditions.



Side Curtain 7812

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	For base fabric	Remarks
3800 g/m ²	3mm	7000/4300 N/50mm	1000/900 N	PES	1100+mono	P 2/2	monofil in weft direction	Stiffness grade 6

Head Curtain 7808

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	Remarks
3800 g/m ²	3mm	6000/5000 N/50mm	1000/900 N	PES	1100 dtex	P 2/2	Stiffness grade 4

Framework - Insulated Panel

The roof & side frames are constructed from 50mm insulated panels. The roof slopes 25mm back to front to assist water run-off. The standard colour is White. The front and sides are trimmed with aluminium angle. The frames can be made to be mounted

at either dock height or ground level. The dock height model is mounted on yellow steel A-frames. A-frames are constructed from 3mm mild steel and powder coated yellow.

External sheet	Internal sheet	Core depth	Core	U-value	Sheet thickness
Cleansafe – White	Cleansafe – White	50mm	PIR	0.45W/m2K	0.5mm

Optional equipment

A strong recommendation is made to use either wheel guides or traffic bollards to minimise potential vehicle damage to the shelter frame.

An adjustable head curtain can be used when sealing vehicles with different heights.

A fully integrated traffic light system may also be supplied.

Safety

Each side curtain has vehicle guide markers to assist the vehicle in correct positioning within the shelter for a safe loading/unloading operation.



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Document no. DRI200SP Issue 1 Date 15/01/2025

Dockright DR300

Retractable Shelter

Architectural Specification

DR300 Retractable dock shelter is manufactured with a 60mm x 30mm galvanised steel box section main frame with 30mm x 30mm galvanised steel box section cantilever arms bolted to the front and back side beams and pivoted at each end to allow the shelter to retract against the building in the event of vehicle impact.

The side and roof frames are clad in 600gm m² flexible PVC/ polyester. Two vertical sides and one transverse head curtain are manufactured from 3mm thick PVC material which seals against the top and sides of a vehicle body. Vehicle guide markers are heat welded to each side curtain.

Detailed Specification

Cover Material

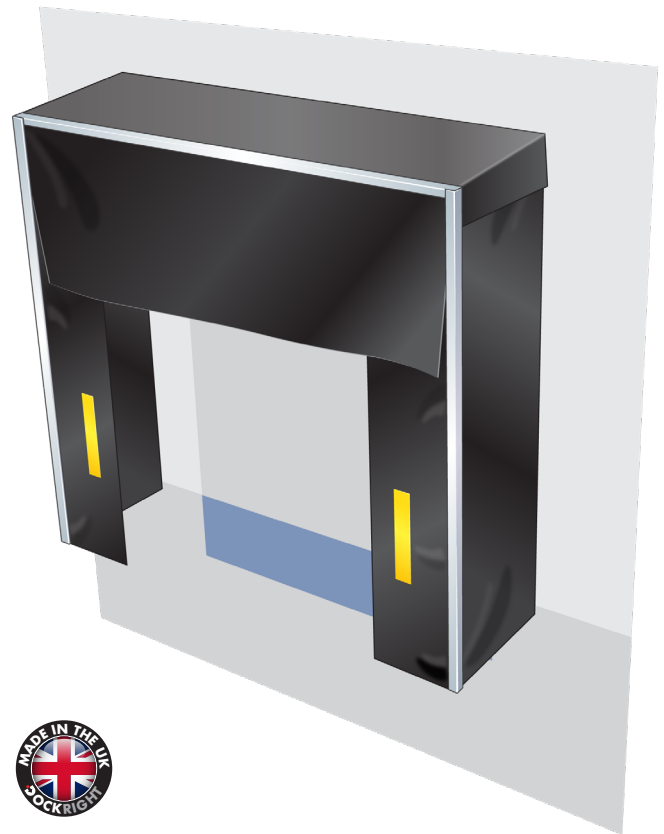
The sides and roof are covered in a waterproof 610gm m² flexible PVC fabric.

The ends of the roof covers flap down and attached to the top of the side covers with Velcro. The side covers are manufactured with an expansion pocket in the middle to allow the shelter to retract and rise without the side cover ripping.

Curtain Material

3mm thick PVC material with high wear and tear resistance is used for the side and head curtains.

The curtains have a wind restraint system to maintain integrity during windy conditions.



Side Curtain 7812

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	For base fabric	Remarks
3800 g/m ²	3mm	7000/4300 N/50mm	1000/900 N	PES	1100+mono	P 2/2	monofil in weft direction	Stiffness grade 6

Head Curtain 7808

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	Remarks
3800 g/m ²	3mm	6000/5000 N/50mm	1000/900 N	PES	1100 dtex	P 2/2	Stiffness grade 4

Framework

The roof frame is constructed from 60mm x 30mm pre-galvanised steel box section forming front and rear transverse cross beams. The front beam is 100mm lower than the rear to allow water run-off. 30mm x 30mm pre-galvanised steel box section arms pivoted at each end connect the front and rear vertical beams of the side frames to each other.

Vehicle impact causes the front beam to retract back to the building with the cantilever arms causing the front beam to rise as well as retract. The effect of this is that when the misaligned vehicle clears the shelter, this will then automatically return to the original position under its own weight.

Optional equipment

A strong recommendation is made to use either wheel guides or traffic bollards to minimise potential vehicle damage to the shelter frame.

An adjustable head curtain can be used when sealing vehicles with different heights.

A fully integrated traffic light system may also be supplied.

Safety

Each side curtain has vehicle guide markers to assist the vehicle in correct positioning within the shelter for a safe loading/unloading operation.



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Document no. DR300 Issue 1 Date 15/01/2025

Dockright DR400

Inflatable Shelter, Insulated

Architectural Specification

DR400 inflatable dock shelter provides an optimum protection from the outside elements keeping the workforce and good protected and insulated, making the DR400 the best choice for cold storage or other ambient applications. The DR400 structure is made from 50mm thick insulated PIR panels mounted at dock height with yellow support A-frames or ground level.

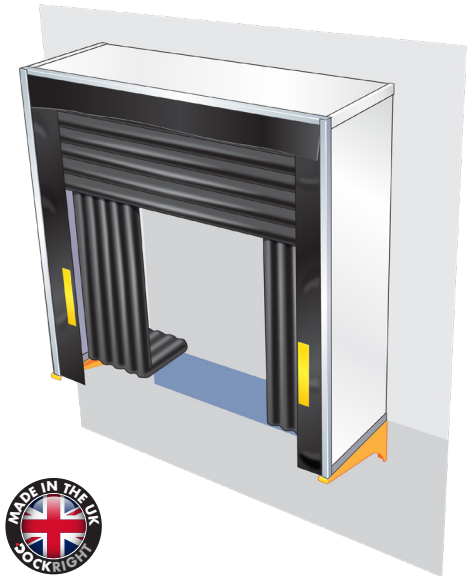
The inflatable head bag is mounted to the underside of the roof panel with a standard projection of 925mm. An electric fan motor is also mounted on the underside of the roof panel and is connected to the head bag with an air sock. The head seal is retracted by means of a counterbalance weight system and is hidden behind a 3mm thick PVC storage curtain.

The side airbags are mounted vertically to the insulated side panels and have an internal retraction system storing them flat against the panel and behind a 3mm thick PVC storage curtain.

Detailed Specification

Curtain Material

3mm thick PVC material with high wear & tear resistance is used for the side and head storage curtains.



Side Curtain 7812

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	For base fabric	Remarks
3800 g/m ²	3mm	7000/4300 N/50mm	1000/900 N	PES	1100+mono	P 2/2	monofil in weft direction	Stiffness grade 6

Head Curtain 7808

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	Remarks
3800 g/m ²	3mm	6000/5000 N/50mm	1000/900 N	PES	1100 dtex	P 2/2	Stiffness grade 4

Framework - Insulated Panels

The roof & side frames are constructed from 50mm insulated panels. The roof slopes 25mm back to front to assist water run-off. The standard colour is White.

The front and sides are trimmed with aluminium angle. The frames can be made to be mounted at either dock height or ground level. The dock height model is mounted on yellow steel A-frames. A-frames are constructed from 3mm mild steel and powder coated yellow.

External sheet	Cleansafe - White
Internal sheet	Cleansafe - White
Core depth	50mm
Core	PIR
U-value	0.45W/m2K
Sheet thickness	0.5mm

Airbag Fabric

The airbags are constructed from 1000 Denier Cordura PU coated nylon. Cordura is a very hard-wearing tear resistant waterproof material. It is manufactured from woven nylon coated with a tough polyurethane skin.

Product	1000 Denier PU coated nylon
Weight	292 grams +/- 5%
Breaking Warp	2506N
Breaking Weft	1837N
Rip tear strength Weft	159.79N
Rip tear strength Warp	136.6N

Fan Motor

Centrifugal fan VBL6	
Motor type	Induction motor IP44
Nominal supply	1ph /3ph
Nominal supply	76.5dB
Weight	6 Kgs

Controls

The fan is powered by a 0.18kw 415v 3ph electric motor. Inflation time is between 10-15 seconds. Standard control is an on/off switch. Fan is switched on after the vehicle has docked and is run continuously whilst loading/unloading takes place. The fan is switched off prior to the vehicle leaving the loading bay.

Safety

Each side side curtain has vehicle guide markers to assist the vehicle in correct positioning within the shelter for a safe loading/unloading operation. A traffic light system is recommended for safe vehicle operation.

Optional equipment

A strong recommendation is made to use either wheel guides or traffic bollards to minimise potential vehicle damage due to misalignment. A fully integrated traffic light system may also be supplied.



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Document no. DR400SP Issue 1 Date 15/01/2025

Dockright DR400B

Inflatable Shelter, Non-insulated

Architectural Specification

DR400B inflatable dock shelter provides an optimum protection from the outside elements keeping the workforce and good protected. The DR400B structure is manufactured with a 60mm x 30mm galvanised steel box section main frame which is clad in either a black flexible PVC or Plastisol coated sheet steel. It can be mounted at dock height with yellow support A-frames or at ground level.

The inflatable head bag is mounted to the underside of the roof frame with a standard projection of 925mm. An electric fan motor is also mounted on the underside of the roof frame and is connected to the head bag with an air sock. The head seal is retracted by means of a counterbalance weight system and is hidden behind a 3mm thick PVC storage curtain.

The side airbags are mounted vertically to the side frame and have an internal retraction system storing them flat against the panel and behind a 3mm thick PVC storage curtain.



Detailed Specification

Curtain Material

3mm thick PVC material with high wear & tear resistance is used for the side and head storage curtains.

Side Curtain 7812

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	For base fabric	Remarks
3800 g/m ²	3mm	7000/4300 N/50mm	1000/900 N	PES	1100+mono	P 2/2	monofil in weft direction	Stiffness grade 6

Head Curtain 7808

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	Remarks
3800 g/m ²	3mm	6000/5000 N/50mm	1000/900 N	PES	1100 dtex	P 2/2	Stiffness grade 4

Framework

The roof frame is constructed from 60mm x 30mm pre-galvanised steel box section forming front and rear transverse cross beams. The roof frame is pent with a 30mm slope to either side to assist water run-off. The side and roof frames can be clad with either a black flexible 900gm/m² PVC or Plastisol coated sheet steel standard colour is black.

The front and sides are trimmed with aluminium angle. The frames can be made to be mounted at either dock height or ground level. The dock height model is mounted on yellow steel A-frames. A-frames are constructed from 3mm mild steel and powder coated yellow.

Airbag Fabric

The airbags are constructed from 1000 Denier Cordura PU coated nylon. Cordura is a very hard-wearing tear resistant waterproof material. It is manufactured from woven nylon coated with a tough polyurethane skin.

Product	1000 Denier PU coated nylon
Weight	292 grams +/- 5%
Breaking Warp	2506N
Breaking Weft	1837N
Rip tear strength Weft	159.79N
Rip tear strength Warp	136.6N

Fan Motor

Centrifugal fan VBL6	
Motor type	Induction motor IP44
Nominal supply	1ph /3ph
Nominal supply	76.5dB
Weight	6 Kgs

Controls

The fan is powered by a 0.18kw 415v 3ph electric motor. Inflation time is between 10-15 seconds. Standard control is an on/off switch. Fan is switched on after the vehicle has docked and is run continuously whilst loading/unloading takes place. The fan is switched off prior to the vehicle leaving the loading bay.

Safety

Each side side curtain has vehicle guide markers to assist the vehicle in correct positioning within the shelter for a safe loading/unloading operation. A traffic light system is recommended for safe vehicle operation.

Optional equipment

A strong recommendation is made to use either wheel guides or traffic bollards to minimise potential vehicle damage due to misalignment. A fully integrated traffic light system may also be supplied.



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Document no. DR400BSP Issue 1 Date 15/01/2025

Dockright DR600

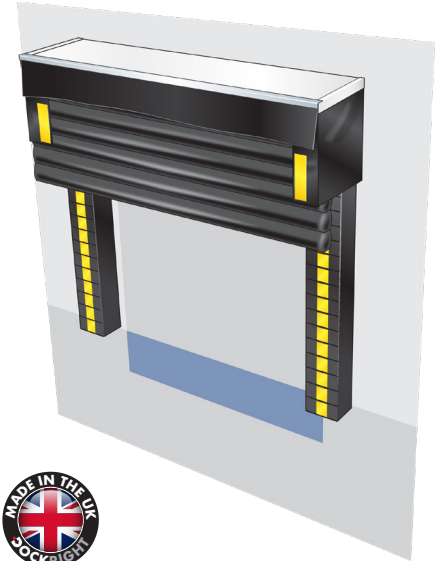
Combination Shelter, Inflatable Head, Foam Pad Sides

Architectural Specification

DR600 Combination foam pad side seals with an inflatable head bag enables a wide range of vehicle body heights to be sealed, which is particularly recommended where vehicles have hinged rear doors that fold back against the body, forming a gap between the door and the body which needs to be sealed.

The inflatable head bag is mounted to the underside of the roof panel with a standard projection of 625mm. An electric fan motor is also mounted on the underside of the roof panel and is connected to the head bag with an air sock. The head seal is retracted by means of a counterbalance weight system and is hidden behind a 3mm thick PVC storage curtain.

The side foam pads are mounted vertically to each side of the doorway and are typically 300mm square. The counterbalance weight for the head bag will run behind one of the side pads.



Detailed Specification

Curtain Material

3mm thick PVC material with high wear & tear resistance is used for the side and head storage curtains.

Cover Fabric

The main body cover is constructed from one piece of 900gm/m² PVC coated polyester fabric with no transverse seams top to bottom which alleviates splitting problems due to heavy usage. The covers have air vents to allow air to exhaust on compression.

DR100- stitched to the front face of the cover and extending 50mm down each side and ends is a single piece of hard wearing 1500gm/m² Neoprene coated nylon which forms the main wear area to the seal. A high visibility guide stripe is stitched to the centre of each side pad to aid the docking vehicle to locate

centrally to the doorway.

DR101 – side seals have double stitched, 100% overlap wear pleats sewn to the front face for heavy usage. A high visibility guide stripe is stitched to the centre of each side pad to aid the docking vehicle to locate centrally to the doorway.

Head Curtain 7808

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	Remarks
3800 g/m ²	3mm	6000/5000 N/50mm	1000/900 N	PES	1100 dtex	P 2/2	Stiffness grade 4

Foam Pad

A lightweight polyether fire retardant foam with great recovery rate is used for the core of the pad seals. The foam pads are bonded to either a 50mm treated back board or a galvanised steel profile tray depending

on customer requirements.

A full range of mounting systems to cover any application are available to fix the pads to the building.

Foam Grade	Average density	Nominal hardness	Tensile strength	Elongation	Classification
RX21110	20-22 kg/m ²	94-125 Newtons	50kPa (Min)	90 % (Min)	L

Insulated Panels (Roof)

The roof & side frames are constructed from 50mm insulated panels. The roof slopes 25mm back to front to assist water run-off. The standard colour is White. The front and sides are trimmed with aluminium angle.

External sheet	Cleansafe – White
Internal sheet	Cleansafe – White
Core depth	50mm
Core	PIR
U-value	0.45W/m ² K
Sheet thickness	0.5mm

Airbag Fabric

The airbags are constructed from 1000 Denier Cordura PU coated nylon. Cordura is a very hard-wearing tear resistant waterproof material. It is manufactured from woven nylon coated with a tough polyurethane skin.

Product	1000 Denier PU coated nylon
Weight	292 grams +/- 5%
Breaking Warp	2506N
Breaking Weft	1837N
Rip tear strength Weft	159.79N
Rip tear strength Warp	136.6N

Fan Motor

Centrifugal fan VBL6	
Motor type	Induction motor IP44
Nominal supply	1ph /3ph
Nominal supply	76.5dB
Weight	6 Kgs

Controls

The fan is powered by a 0.18kw 415v 3ph electric motor. Inflation time is between 10-15 seconds. Standard control is an on/off switch. Fan is switched on after the vehicle has docked and is run continuously whilst loading/unloading takes place. The fan is switched off prior to the vehicle leaving the loading bay.

Safety

Each side side curtain has vehicle guide markers to assist the vehicle in correct positioning within the shelter for a safe loading/unloading operation. A traffic light system is recommended for safe vehicle operation.

Optional equipment

A strong recommendation is made to use either wheel guides or traffic bollards to minimise potential vehicle damage due to misalignment. A fully integrated traffic light system may also be supplied.



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Document no. DR600SP Issue 1 Date 15/01/2025

Dockright DR900

Combination Shelter, Inflatable Head, Static Sides

Architectural Specification

DR900 Combination rigid side frames and curtains with an inflatable head bag providing an excellent seal that accommodates a wide range of vehicle sizes and is cost effective.

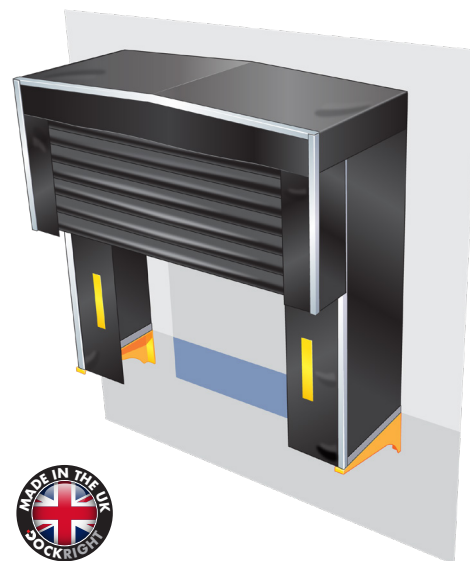
The inflatable head bag is mounted to the underside of the roof section with a standard projection of 900mm. An electric fan motor is also mounted on the underside of the roof section and is connected to the head bag with an air sock.

The head seal is retracted by means of a counterbalance weight system and is hidden behind a 3mm thick PVC storage curtain.

Detailed Specification

Curtain Material

3mm thick PVC material with high wear & tear resistance is used for the side and head curtains. The curtains have a wind restraint system to maintain integrity during windy conditions.



Side Curtain 7812

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	For base fabric	Remarks
3800 g/m ²	3mm	7000/4300 N/50mm	1000/900 N	PES	1100+mono	P 2/2	monofil in weft direction	Stiffness grade 6

Head Curtain 7808

Total weight	Thickness	Tensile strength warp/weft	Tear strength warp/weft	Base fabric Material	Yarn Count	Weave	Remarks
3800 g/m ²	3mm	6000/5000 N/50mm	1000/900 N	PES	1100 dtex	P 2/2	Stiffness grade 4

Framework

The roof frame is constructed from 60mm x 30mm pre-galvanised steel box section forming front and rear transverse cross beams. The roof frame is pent with a 30mm slope to either side to assist water run-off. The side and roof frames can be clad with either a black flexible 900gm/m² PVC or Plastisol coated sheet steel standard colour is black.

The front and sides are trimmed with aluminium angle. The frames can be made to be mounted at either dock height or ground level. The dock height model is mounted on yellow steel A-frames. A-frames are constructed from 3mm mild steel and powder coated yellow.

Airbag Fabric

The airbags are constructed from 1000 Denier Cordura PU coated nylon. Cordura is a very hard-wearing tear resistant waterproof material. It is manufactured from woven nylon coated with a tough polyurethane skin.

Product	1000 Denier PU coated nylon
Weight	292 grams +/- 5%
Breaking Warp	2506N
Breaking Weft	1837N
Rip tear strength Weft	159.79N
Rip tear strength Warp	136.6N

Fan Motor

Centrifugal fan VBL6	
Motor type	Induction motor IP44
Nominal supply	1ph /3ph
Nominal supply	76.5dB
Weight	6 Kgs

Controls

The fan is powered by a 0.18kw 415v 3ph electric motor. Inflation time is between 10-15 seconds. Standard control is an on/off switch. Fan is switched on after the vehicle has docked and is run continuously whilst loading/unloading takes place. The fan is switched off prior to the vehicle leaving the loading bay.

Safety

Each side side curtain has vehicle guide markers to assist the vehicle in correct positioning within the shelter for a safe loading/unloading operation. A traffic light system is recommended for safe vehicle operation.

Optional equipment

A strong recommendation is made to use either wheel guides or traffic bollards to minimise potential vehicle damage due to misalignment. A fully integrated traffic light system may also be supplied.



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Document no. DR900SP Issue 1 Date 15/01/2025