

RELOADING SYSTEMS



Inkema for
 **WIŚNIEWSKI**

ABRE RETRACTABLE DOCK SHELTER

Intended use: To seal up the area between the open door and the lorry trailer. It provides protection from the weather to the loading/unloading area and decreases heat loss inside the warehouse. The canvas is very resistant to tears, UV radiation, and temperature fluctuations. The front of the canvas is provided with guiding marks, which constitute a point of reference for the driver when backing up.



FLEXIBILITY

Retractable dock shelters were designed to ensure additional flexibility in loading and unloading operations with vehicles of different sizes. Additionally, they also insulate the building during cargo handling to save energy and improve comfort at work.



SAFETY

All dock shelters are fitted with vertical reflective strips, which make manoeuvring easier for drivers and help prevent collisions, which can damage equipment and vehicles.



DURABLE INSULATION

Dock shelters were designed to provide significant energy savings, because they keep heat inside the building, they ensure improved indoor cleanliness, and thanks to the signal system, they facilitate manoeuvring for lorries with no impact on the speed and flexibility of the loading and unloading.

ABRE DOCK SHELTER

The front and rear frame is made of galvanized steel sections. The frames are connected with elastic adjustable arms, which are pushed up when the vehicle is not properly parked. This solution protects the vehicle and the canvas from damage. When the canvas is pushed up, the vehicle remains easily accessible during loading and unloading for the warehouse transportation devices. The integrated incline in the top part ensures proper rainwater drainage.

The structure is covered with canvas comprising three elements. The canvas is made of a two-layer reinforced polyester material, covered with 3 [mm] thick PVC with high tear and friction resistance. The basis weight of the top part and side parts of the canvas is 3,200 [g/m²]. The top canvas has an auxiliary welded reinforcement preventing the material from tearing. The special weave of the side canvases makes them flexible longitudinally and stable laterally. This provides the best sealing of the docked vehicle.

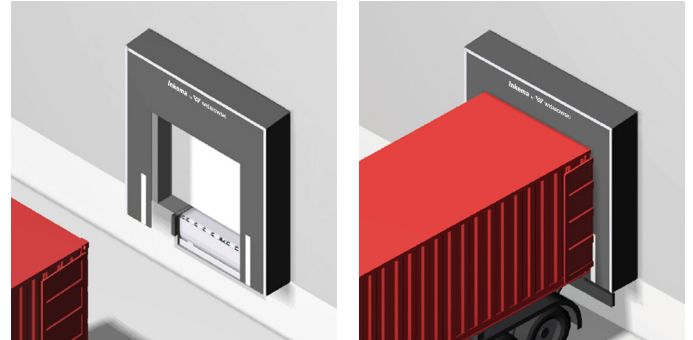
Side canvases are printed with stripes, which act as guiding marks. They provide visual reference for the drivers to approach the dock shelter in a precise manner.

ABRE retractable dock shelter

The dock shelter has a roof with a 10% inclination, which prevents rainwater from collecting on the roof during rain. It is made up of a frame structure with canvases mounted to it. The canvases match the shape of the lorry.

If a lorry driver hits the structure, the structure retracts and then goes back to its home position. The dock shelter ensures thermal insulation during loading and unloading. It provides significant energy savings and protects the cargo.

The retractable dock shelter was designed to ensure additional flexibility in loading and unloading operations with vehicles of different sizes.



Structure

Made of 1.5 [mm] thick galvanized sections joined with galvanized bars and covered with 0.5 [mm] PVC canvas.

The canvas is very robust thanks to the internal polyester mesh.

Canvases

The dock shelter is comprised of two side canvases and one top canvas constituting the roof. The side canvases are printed with stripes, which provide a visual aid for manoeuvring lorry drivers. Flexible canvases are made of two pieces of polyester material and then covered with a thick 3 [mm] layer of black friction-resistant PVC.

The top canvas has a welded reinforcement preventing the material from tearing due to constant use or weather conditions. It improves durability and allows it to perfectly match the shape of a lorry trailer.

Dimensions

The ABRE dock shelter in its standard dimensions can be used with lorries (docked axially) 2,300 – 2,500 [mm] wide and 3,600 – 4,200 [mm] high.

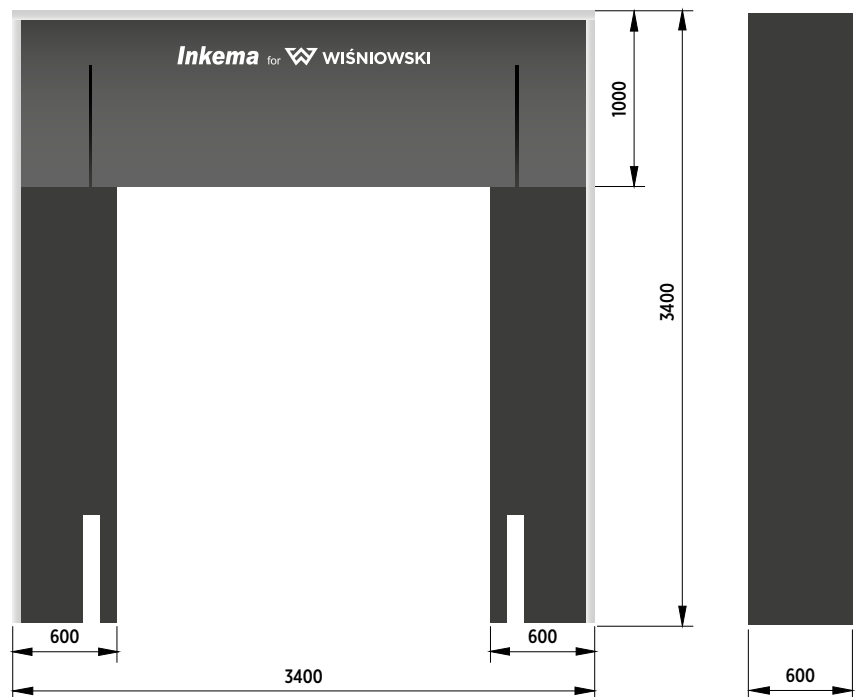


PHOTO GALLERY



ABRE retractable dock shelter



ABRE retractable dock shelter – as seen from the inside

TECHNICAL DATA

	ABRE RETRACTABLE DOCK SHELTER
Application	Outdoors
Structure	1.5 [mm] thick galvanized sections, joined with galvanized bars and covered with 0.5 [mm] PVC canvas
Width	3,400 [mm]
Height	3,400 [mm]
Installation depth	600 [mm]
Width of the side canvases	600 [mm]
Height of the top canvas	1,000 [mm]
Front canvas basis weight	3,200 g/m ²
Standard colour	RAL 9005 (black)



1	Polyester canvases coated with 3 [mm] PVC.
2	Galvanized closed box sections.
3	Vertical reflective strips.
4	Welded top reinforcement for improved durability.
5	Incline for draining water.
6	Flexible protective canvas 0.5 [mm].

