

Operation and Maintenance Documentation

ORIGINAL INSTRUCTIONS

DOCK SHELTER

Manufacturer:

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1. Description

1.1. Basic information

The purpose of the Dock Shelter is to provide optimal insulation and tight seal between the truck trailer and the storage hall. In addition, it constitutes a protective barrier against any negative influences that may arise within the loading area, as specified in the following list:

No.	Factor	Danger
1.	Precipitation	During rainfall or snowfall, wet surfaces pose a risk of slipping and may in turn lead to undesirable occurrences and accidents, including bodily injury to the employees.
2.	Movement of the air	Drafts may induce fast movement of small elements, leading to bodily harm to the employees and causing minor damage to the infrastructure. In addition, draft creates undesirable working conditions which may result in the inability of the employees to perform their duties.
3.	Particulate contaminants	Maneuvering yards are full of dirt, gravel and leaves which, when moved by the wind, impede the loading of cargo, especially in the summer and autumn. The same is true for other particulate pollutants, artificial in origin. What is more, in the periods of increased precipitation the above named contaminants may become mouldy, which is highly undesirable, especially in the food industry where warehouse hygiene is of the utmost importance.
4.	Temperature	Many goods require a very specific range of temperature for their storage. The winter season requires higher energy expenditures towards the heating of the warehouse and there is a possibility of floor icing in the loading area. In the summer, high temperatures have negative influence on the working of air conditioning leading to higher energy expenditure.

1.2. Structural features

Type of dock seal, its dimensions and specification of the sealing material depend on the width and height of the truck, height of the loading ramp, gate dimensions and required sealing efficiency. At the customer's request we can deliver seals of non-standard sizes (see table below). With regard to size and specifications, dock seals that are most-often used have following dimensions: external dimensions of **3400 x 3400 x 600** [mm] and overall dimensions of **3400 x 3500 x 600** [mm] as depicted on fig. 1.

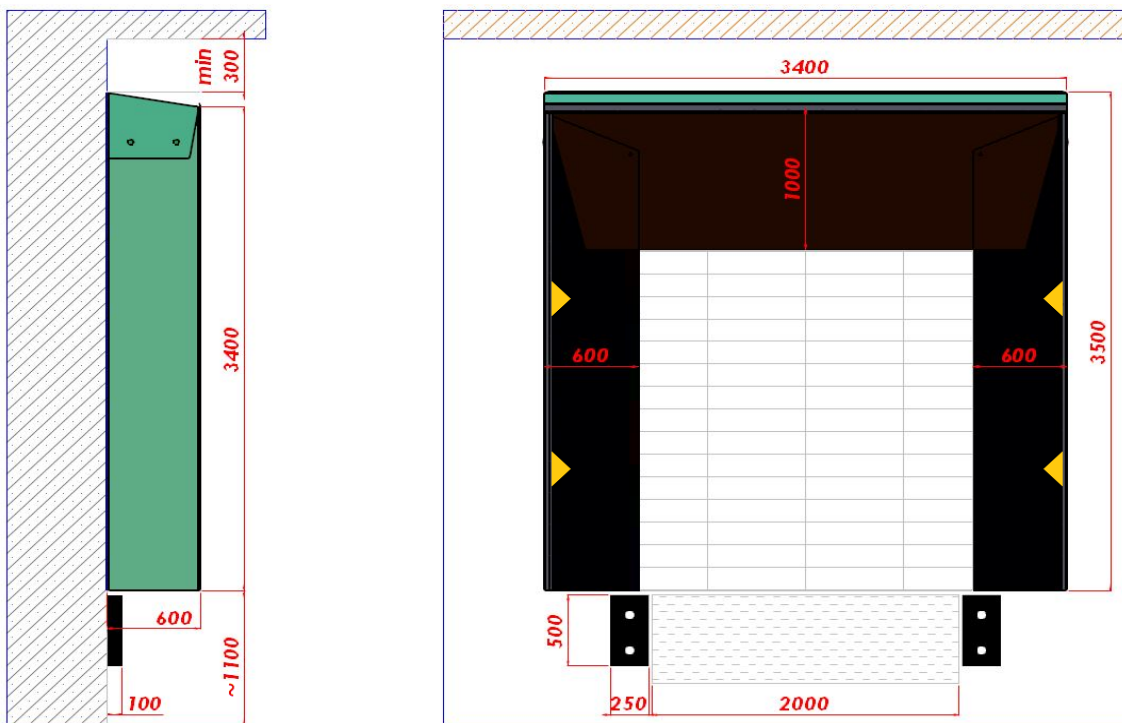
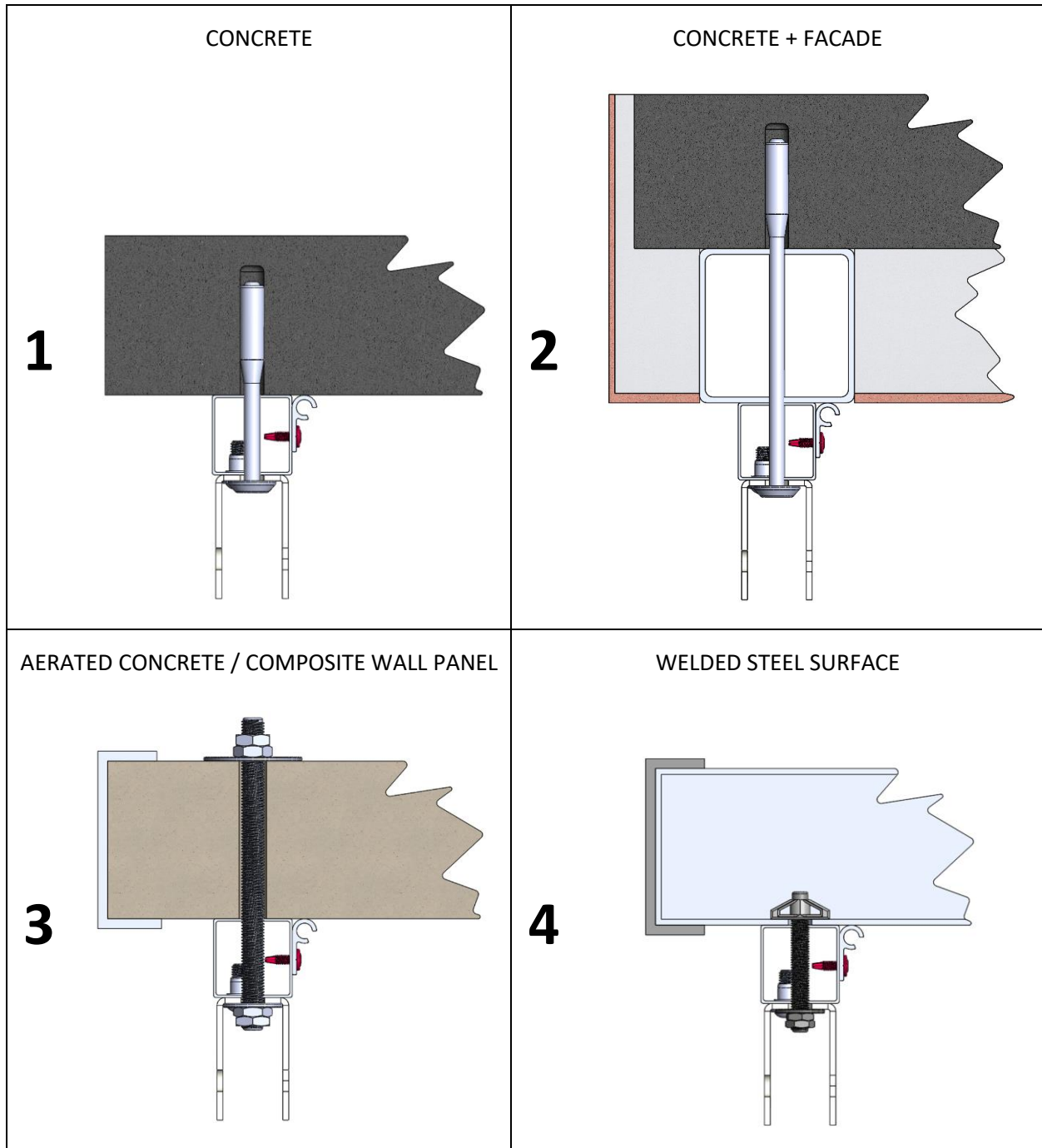


Fig. 1 General view of the Dock Shelter

	STANDARD	SPECIAL
Width	3400 mm ±10mm	2500÷3600 ±10mm
Height	3500 mm ±10mm	2500÷4400 ±10mm
Depth	600 mm ±10mm	400÷800 ±10mm
Upper flap height	1000 mm ±30mm	500÷1600 ±30mm
Side flap width	600 mm ±30mm	400÷800 ±30mm
Mounting height	500 mm over the highest truck	
3 mm PVC flap weight	~3500 g/m ²	
Color standard	black	
Side tarpaulin color	black	
Working temperature range	-25°C to +50°C	

1.3. Guidelines for mounting the seal to the building

Depending on the structure of the storage hall wall, the appropriate method of mounting must be applied in order to provide stability and ensure proper use.



1.4. Operating manual

The dock shelter is comprised of a galvanized frame with one upper and two side 3mm-thick PVC flaps, reinforced with a double polyester fiber interlacing. Side walls are sealed with a PVC curtain. Width and height of the seal are adjusted in accordance with the size of the serviced trucks. The seal is outfitted with guiding stripes or arrows that facilitate the docking of vehicles in the seal.

The size of 3400 mm (width) with 600 mm side flaps as shown on figure 1 yields, for the loading purposes, an opening of 2200 mm. The International Road Transportation on standard heavy good vehicles (so-called "TIR"s) allows for the bending of both side flaps by about 200 mm on the unmounted, clear sealing side. That way, the flaps are pressed in to the half of their width at most, which guarantees proper sealing of the vehicle. For the refrigerated (cold-storage) transport a wider sluice is recommended, as the truck with both doors open may reach the width of up to 2850 mm. In addition, the front upper profile is shaped in a way that allows water to be discharged to the sides by drainpipes, rather than having it fall on the docked vehicle.

2. Product identification

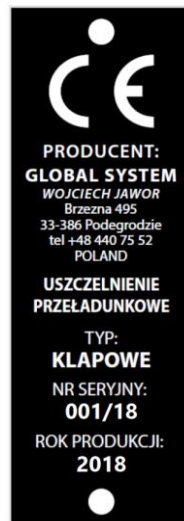


Fig.2 Product marking

3. Warranty

3.1. General warranty conditions

- Global System issues a 12-month warranty/surety for all devices,
- Warranty/surety pertains to Global System products purchased and installed within the territory of Poland,
- Warranty/surety includes delivery and installation (if purchase includes installation) of Global System products and applies from the moment of signing the technical acceptance report or the "goods dispatched" note confirming the issue of goods to the customer, but for no longer than 14 months from the date of issue of the final sale VAT invoice.
- Warranty/surety entitles the customer to have product defects removed free of charge, provided they arise within the warranty period and are caused by structural, manufacture or installation faults. The servicing operations are to be done within 14 work days, counting as of the day the warranty claim is accepted.
- Warranty claim should be lodged immediately after discovering the defect. Apparent defects must be reported before the product is installed, otherwise claims will not be considered. Use of defective products is forbidden.

3.2. Conditions for receiving warranty/surety services

The basis for lodging warranty/surety claims are:

- Properly completed product warranty card,
- Conducting paid warranty inspection at least within every 12 months from the day of signing the technical acceptance report for the product,
- Sending a written request for a warranty inspection by the Buyer/User to the email address: serwis@globalsystem.com.pl within a period described in the Inspection Register/Warranty Card.

3.3. Conditions for extending the warranty service

- The warranty may be extended upon the request of the Buyer/User. Terms and conditions for the extension will be determined in a separate servicing agreement.

3.4. Loss of warranty

Global System Company shall be exempted from providing warranty/surety and from other obligations if:

- The mechanical damage is a result of improper use,
- The products are not used in accordance with the user's/safety manual,
- The user implemented structural changes on their own,
- Non-original spare parts were used without the written consent of Global System,
- Repairs were made by persons not authorized by Global System,
- Damage was the result of external factors such as: corrosion and discoloration (due to working in chemically aggressive environment), anomalous weather conditions, natural disasters and other random events outside Global System's control,
- Defects or damage resulted from faulty installation.

3.5. Other

- If servicing requires work at the height above 1,9 m from the ground, the claimant is obligated to provide the servicing team with a safe access to the Device.
- Parts that sustain natural wear (consumables) are not included in the warranty.
- Products used in a highly hostile environment (for instance less than 500 m from the shoreline, etc.) are excluded from the anti-perforation warranty.
- Travelling expenses, as well as costs of repair of defects or damages not covered by the warranty are borne by the claimant.
- Global System is not liable for the damages resulting from the use of the faulty or damaged product.
- If the warranty claim proves to be unjustified, any and all costs resulting from it (travel expenses, costs of inspecting and diagnosing the defect, etc.) will, in their full amount, according to Global System price-list, be covered by the Claimant.

4. Requirements regarding proper installation

- Applicable Occupational Health and Safety regulations must be obeyed, in particular those regarding safety when working with electrical devices and at heights,
- Dock Shelter should be installed only by the qualified employees,
- Dock Shelter should be installed by at least two people,
- The place of installation should be cleaned after the work is finished,
- When replacing damaged elements only original spare parts should be used. Otherwise the proper operation of the seal cannot be guaranteed.

5. List of warranty services.

Maintenance, servicing and use of the seal that are in violation of this manual or technical specification may pose threat to people and/or cause damage to the equipment and void the warranty and the manufacturer's liability.

Installation and maintenance of the seal can be performed only by authorized and qualified personnel. It is recommended to conduct servicing at least once every twelve months.

Description of performed actions:		NOK	OK
1	Check the functioning of the structure		
2	Check and, if necessary, correct the mounting of the seal and the suspension arm		
3	Check the elements of the steel structure and rubber elements		
4	Check the markings		

All necessary adjustments should be made as part of the servicing. If the report notes damage to subsystems, the manufacturer must be immediately informed.

6. Documentation for the user

The customer receives following documents:

- Operation and Maintenance Documentation
- EC Declaration of Conformity for the machines
- Warranty card,
- Installation manual,

7. Periodic inspections and repairs card

Object:

Date of inspection / repair	Date of next inspection/ repair	Signature of the service technician	Notes

8. Notes

No.	Note