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STORAGE CONTAINER

USER MANUAL



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ISO 9001
TÜV Süd Certified

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1. Use of the container

- The container may be used to store materials, goods or substances the storage of which in this way is not in conflict with special regulations.
- The container is resistant to normal climatic conditions (wind, rain, snow). In extreme wind and rain or if pressurized water is used, e.g., to clean the outer surface of the container in a direction other than top to bottom, water leakage into the container space may occur and water may hit the stored material. Under such conditions, the manufacturer is not responsible for any damage to the stored material.
- In case of accumulation of a large layer of snow on the roof of the container, it is necessary to remove it regularly in order not to exceed the permitted load capacity of the roof.
- The container is made of galvanized sheet metal and therefore must not come into contact with salt-based winter road maintenance products. These contain substances that react violently with zinc and cause corrosion. Similarly, the contact of the galvanized sheet of the container with acids and alkalis leads to corrosion of the surface.
- A certain combination of climatic factors (temperature, pressure, dew point, humidity, etc.) may cause water condensation on the ceiling of the container, which then falls in the form of water droplets on the stored material, which must be taken into account when storing and packing it.
- The ceiling panel of the container can optionally be coated with an anticondensation layer to prevent condensate from dripping.
- It is forbidden to use the container as a shelter (not even a temporary one) for people and animals.

2. Safety at work

2.1. Container assembly and disassembly

- The container may only be assembled and handled by a person of legal age, physically and mentally competent, who has become familiar with its installation and safety regulations.
- During assembly, the individual parts of the container are assembled and screwed together according to the **Assembly Instructions** and the bolted connections are tightened firmly.
- Due to the large weight of the individual parts, the assembly must be carried out by a sufficient number of installers to avoid their harm or injury. Their number depends on the size of the container, their physical capabilities and ensuring work safety. The number of installers is determined by the customer.
- During assembly, handling and use of the container, it is necessary to observe the principles of safety at work. It is recommended to wear protective gloves and a safety helmet during assembly and handling.

2.2. Handling of the container

- As a rule, container handling is carried out by a forklift truck or a crane.
 - Manipulation may only be carried out by a person who has the necessary authorization to operate these mechanization devices.
 - In the case of forklift handling, the truck must be equipped with suitable (sufficiently long) forks. Respecting the centre of gravity of the container is a prerequisite for safe handling.
 - In case of crane handling, slings with appropriate parameters (load capacity, length) must be used and at least four attachment points must be used. Ropes or hooks are held by corner angles with a hole.
 - If there are persons inside the container, any manipulation with it is prohibited.
 - It is only possible to handle the container in the assembled state when the door is locked.
 - The container can be transported on a means of transport both in the transport position and in the assembled state. In the case of transport of the container in an assembled state, no persons or animals may be transported in the container. Items up to the permissible weight inside the container must be properly fastened.
 - When transporting containers on public roads, it is necessary to comply with generally applicable regulations for the transport of goods.
 - When moving the container in an assembled state (usually on the premises of the company or the construction area), it is possible to leave the stored material in the container under the following conditions:
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- the maximum permitted floor load of 500 kg/m² will be observed.
- the maximum total floor load of 1500 kg will be observed.
- the stored material will be secured against movement and evenly distributed.
- in case of moving with forklift truck use the fork guides from accessories.
- Handling containers that are connected to each other is not permitted. If necessary, containers shall be disconnected and then handled separately.
- Containers can **only be stacked in the transport position**. Stacking is done to save space when storing unused containers or during transport.
- People are not allowed to enter and move on the roof of the container nor is it allowed to store material and any objects on the roof.
- The container is made of sheet steel and can be used in extreme climatic conditions, so the following must be respected: at extremely high temperatures, the temperature of the sheet can exceed 60 °C, this must be taken into account due to the stored contents and injury to the operator by burns (use protective gloves). At extremely low temperatures, take into account the risk of "sticking" of the skin to the steel sheet (use protective gloves).

2.3. Building requirements, fire safety

- The folding container is placed on an **even and firmed surface**. Placement on even surface is a necessary condition for the proper functioning of the door and the tightness of the assembled unit.
- The access road to the container should be appropriate to the use.
- Container grounding must be carried out in accordance with applicable legislation. In the event of a threat of a thunderstorm, it is forbidden to remain inside and near the container.
- The location of the container should respect the applicable **fire protection regulations** in relation to the surrounding objects and with regard to the items stored.

2.4. Maintenance

- Container maintenance consists of a visual check of the condition of the container, lubricating the door hinges with grease as needed, cleaning the eaves and roof, and possibly tightening the bolted connections.

2.5. Disposal of the container

- Disposal of the parts of the dismantled container shall be carried out in accordance with applicable local waste management regulations.
- The container owner is responsible for appropriate disposal.

3. Warranty and spare parts

- The manufacturer provides a 24-month warranty on the container parts.
- Spare parts are available on request from the dealer or manufacturer.

4. Technical data**4.1. Container dimensions**

Length m	Outer			Inner			Transport position		
	Length	Width	Height	Length	Width	Height	Length	Width	Height
1,38	1,38	2,18	2,19	1,23	2,02	2,02	2,03	2,18	0,38
2,23	2,23	2,18	2,19	2,08	2,02	2,02	2,23	2,18	0,38
3	3	2,18	2,19	2,85	2,02	2,02	3	2,18	0,38
4	4	2,18	2,19	3,85	2,02	2,02	4	2,18	0,38
5	5	2,18	2,19	4,85	2,02	2,02	5	2,18	0,38
6	6	2,18	2,19	5,85	2,02	2,02	6	2,18	0,38

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Entrance opening of **double-wing doors**: 1,92 x 1,95 m
 Entrance opening of **single-wing doors**: 0,96 x 1,95 m

4.1 Weight of the container (maximal in transport position)

Length m	With wooden and OSB floor kg	With a retaining tray kg
1,38	265	-
2,23	360	440
3	420	525
4	525	-
5	630	-
6	700	-

4.2 Load

- Maximum surface load of the floor: 500 kg/m²
- Maximum load on the roof for RED line in combination with 90 km/h wind load: 120 kg/m²
 For BLUE line and containers with side doors, the maximum load of the roof is lowered by 25%.
 With the use of roof stiffening (accessories), the maximum roof load is increased by 50%.
- Maximum load capacity of the shelving holder (accessories): 30 kg
- Maximum load capacity of the shelving stand (accessories): 120 kg

4.3 Optional accessories

- Shelving system
- Interior partition wall
- Roof stiffening
- Container connection
- Forklift truck fork guides
- Vandal bar or latch
- Set of safety bolts against dismantling
- Ventilation grid
- Drive-in ramp
- Open door stopper

4.4 Special design

- Containers with double-wing door in the side wall
- Small containers with single-wing door
- Containers with floor retaining tray
- Raised container to an internal height of 2430 mm
- Universal shed
- Transparency in the side wall
- Anti-condensation layer on the ceiling panel
- Doors with wire-mesh instead of sheet
- Container in anthracite colour

5. Related

- **Container assembly instructions**
- **Accessory assembly instructions**
- **TÜV ISO 9001 Certificate**