

## Operating and safety instructions for Röpa – containers (dated 28.11.2013)

### 1. General information

- 1.1 The container is constructed in accordance with the state-of-the-art and recognised safety rules. Nevertheless, during operation, dangers to threats to life and limb of the operator or third parties or damage to the container and other equipment can arise.
- 1.2 Only use the container when in a technically perfect condition and for its intended purpose, taking into account the aspects of safety and danger and observing the operating instructions.  
Immediately repair, or have repaired, any faults which may affect the safety.
- 1.3 The container is exclusively suitable for stationary indoor and outdoor setup and for the areas of application and designated use listed in the operating instructions. Any other or additional type use is not considered as being designated. The manufacturer/supplier shall not be liable for any resulting damage in such cases and the risk is borne by the user.  
Designated use also includes observing the operating instructions and compliance with the inspection and maintenance conditions.
- 1.4 In addition to the operating instructions, other general and binding legal regulations concerning accident prevention and environmental protection must be observed.  
Such requirements may include, for example, the handling of hazardous substances or affect the provision/wearing of personal protective equipment.
- 1.5 Do not carry out any modifications, additions or conversions to the container without the permission of the manufacturer that could affect the safety.  
This also applies to the installation and adjustment of safety installations as well as for the welding of load-bearing parts.
- 1.6 Spare parts must meet the technical requirements specified by the manufacturer. This is always guaranteed when using original spare parts.
- 1.7 Observe the periods specified in the operating instructions to comply with repeated checks/servicing.

### 2. Safety instructions

- 2.1 Work on/with the container may only be carried out by reliable trained personnel. Note minimum statutory age limits.
- 2.2 Only use experienced employees for the fastening and marshalling of crane loads. The marshaller must stay in sight of the crane operator or remain within audible contact.
- 2.3 When working above body height, use the safety ladders or working platforms provided. Do not use sections of the container as climbing aids. During maintenance work at greater heights, wear a protective harness. Keep all handles, steps, railings, landings, platforms and ladders free from dirt.
- 2.4 Always retighten screw connections loosened during maintenance and repair work.
- 2.5 Ensure adequate ventilation.

- 2.6 No fire or open flame in the container.  
The container in its standard version does not meet any fire rating.
- 2.7 Standard containers have no liquid-tight sump tray in compliance with the requirements of the Water Ecology Act (Wasserhaushaltsgesetz).

### 3. Installation and maintenance

- 3.1 The place of installation should be chosen so that the footprint does not lie below 0, otherwise in the case of heavy rain water, it can enter the floor construction and damage the insulation and other components.  
Erect the container on dry ground, otherwise there is the risk of water penetration at the base.
- 3.2 Only erect the container horizontally on firm ground as specified by the manufacturer. Note the information about the foundations /substructure.  
**Important:** Check doors and windows immediately for ease of opening.
- 3.3 Observe the permissible loads after the addition of weights such as lifting trucks, possible plates to spread the load.
- 3.4 Observe the payload of the container at the crane hook.
- 3.5 Observe the payload of the container in the erected condition.
- 3.6 Observe the maximum container roof load.
- 3.7 Protect containers' exterior surfaces from damage.  
Provide required collision protection for the approach area if required.
- 3.8 Touch up damaged paint immediately.
- 3.9 The external paintwork of the standard container is not seawater-resistant.
- 3.10 Always use attachment points as directed.  
Use only the factory-fitted attachment points.
- 3.11 Do not drill holes in the outer shell or the inner lining(danger for statics / power lines).
- 3.12 Check doors and windows annually for function and ease of opening.  
Coat movable components with suitable lubricants.  
**Attention** Doors and windows themselves can suffer damage from improper or negligent handling and even cause damage to the container wall, adjacent objects or buildings.  
Moreover, there is the danger of injury.  
If not closed correctly, for example, or violently slammed open or closed by wind, they can cause the aforementioned type of damage/injuries.  
The failure to detect such open doors and windows can also lead to damage. We draw your specific attention to the fact that we accept no liability for such damage and we ask for your kind understanding.
- 3.13 Only damp clean the inside of the container floor. The interior should not be cleaned with a pressure washer.
- 3.14 Repair damage to the floor covering immediately.

- 3.15 All wall openings or pipe and cable penetrations must be sealed against the ingress of water.
- 3.16 Only clean the interior lining with a gentle cleanser.
- 3.17 Protect containers from flood (snow, rainwater on sealed areas).
- 3.18 Properly fasten and seal removable wall panels. When disassembling and assembling, use appropriate, hoisting and lifting tackle.
- 3.19 Ensure adequate ventilation (mould and condensation prevention).
- 3.20 Do not use the roof surface as a storage area.
- 3.21 Protect the roof from falling objects.
- 3.22 There is a risk of falling when on the roof at any time.
- 3.23 Do not step onto the roof in snow and ice – danger of slipping.
- 3.24 Clean roof, gutters and rainwater downpipes at least 1 x per year (leaves), more often if needed.
- 3.25 If necessary, also wash container with a gentle cleaner/shampoo.

#### 4. Electrical installations

- 4.1 Work on the electrical equipment of the container may only be performed by a qualified electrician or by instructed personnel under the control and supervision of such a qualified electrician according to the electrical regulations.
- 4.2 Electrical connection must be made to the valid VDE regulations.
- 4.3 Observe the safety and operating instructions for the factory-mounted electrical components (lighting, heating, fans, etc.).
- 4.4 Check electrical distribution.
- 4.5 Observe the mains voltage and output rating.
- 4.6 Do not overload electrical sockets.
- 4.7 Do not cover the heaters. Risk of fire.
- 4.8 Grounding - Carry out potential equalisation according to the conditions at the site and according to the VDE.
- 4.9 Depending on the local conditions onsite, the need for installation of a lightning protection system must be assessed.
- 4.10 Only use original fuses with the specified current rating.
- 4.11 The electrical equipment of the container must be regularly inspected / tested. Defects such as loose connections or scorched cables, etc., must be rectified immediately.
- 4.12 Factory-performed installation of the container in its standard version is not carried out in an explosion-proof version.

#### 5. Plumbing

- 5.1 Observe frost and water protection for water drainage and sewer.

#### 6. Transport and loading

- 6.1 Transportation and removal may only be carried out by suitable companies.
- 6.2 Observe transport and loading regulations (see order confirmation or sticker). Never lift or transport the container with mounted roof structures.
- 6.3 When lifting the container, only factory-fitted lifting lugs must be used. The container must never be lifted with a spreader, from above or in a lateral direction.
- 6.4 When lifting, do not add any additional loads. Empty possible water reservoirs, storage tanks, pipelines, etc. fully before lifting completely.
- 6.5 Container combinations must always be dismantled prior to lifting the containers may only be lifted individually.
- 6.6 Secure internal parts during further transport.
- 6.7 With even minor change of relocation of container disconnect from any external power supply. Before re-starting the container again properly connected the power.
- 6.8 In the case of re-commissioning only proceed according to the operating instructions.

#### 7. Disposal

- 7.1 In the production of Röpa containers, particular emphasis is placed upon on the selection of environmental and health-friendly component products and Materials.
- 7.2 Röpa containers do not contain any substances of concern at the time of manufacture in accordance with the REACH candidate list.
- 7.3 When disposing of Röpa containers, there is no hazardous waste in compliance with the Waste Regulations valid at the time of manufacture. The metal components and PVC building components (e.g. window frames, flooring, etc.) can be recycled by existing recycling systems.