

# Molok Global Standard®

## INSTALLATION INSTRUCTION

### TRANSPORT AND HANDLING OF THE CONTAINERS

Handle the container carefully. Do not roll or drop the container. Do not lay the container on its side. Lift the container only from the lifting loops provided from the factory. Attach the lifting loops to a lifting chain with minimum 1500 mm long tethers. Always lift the container vertically straight. Use of lifting beam is recommended. In order to keep the containers water-proof, **no holes should be drilled in the well body.**

### CONTENTS OF DELIVERY

Main lid, lifting bag and other accessories are either factory installed, located inside the container or delivered with a separate pallet. If the main lid is delivered inside the container, remove it in order for it to regain its original shape.

### INSTALLATION SITE

Clarify following issues concerning the installation site: soil type, the location of communication and electricity cables, water, sewage and drainage pipes and other issues worth of notice. To allow safe emptying, a sufficient clearance space must be provided around the container (notice also eaves, branches, overhead cables etc.). According to Molok Ltd's recommendation, the distance of the container from any permanent structures should be min. 500 mm for the container to function properly. Also take notice of the access of the emptying vehicle near the containers during winter conditions.

### INSTALLATION

Subsurface drainage is recommended for areas where the terrain contains clay or silt. When installing a group of containers, the top aluminium rings on the containers must be at the same level and the front edge of the containers must be in line.

Diameter of the installation pit 1750 mm



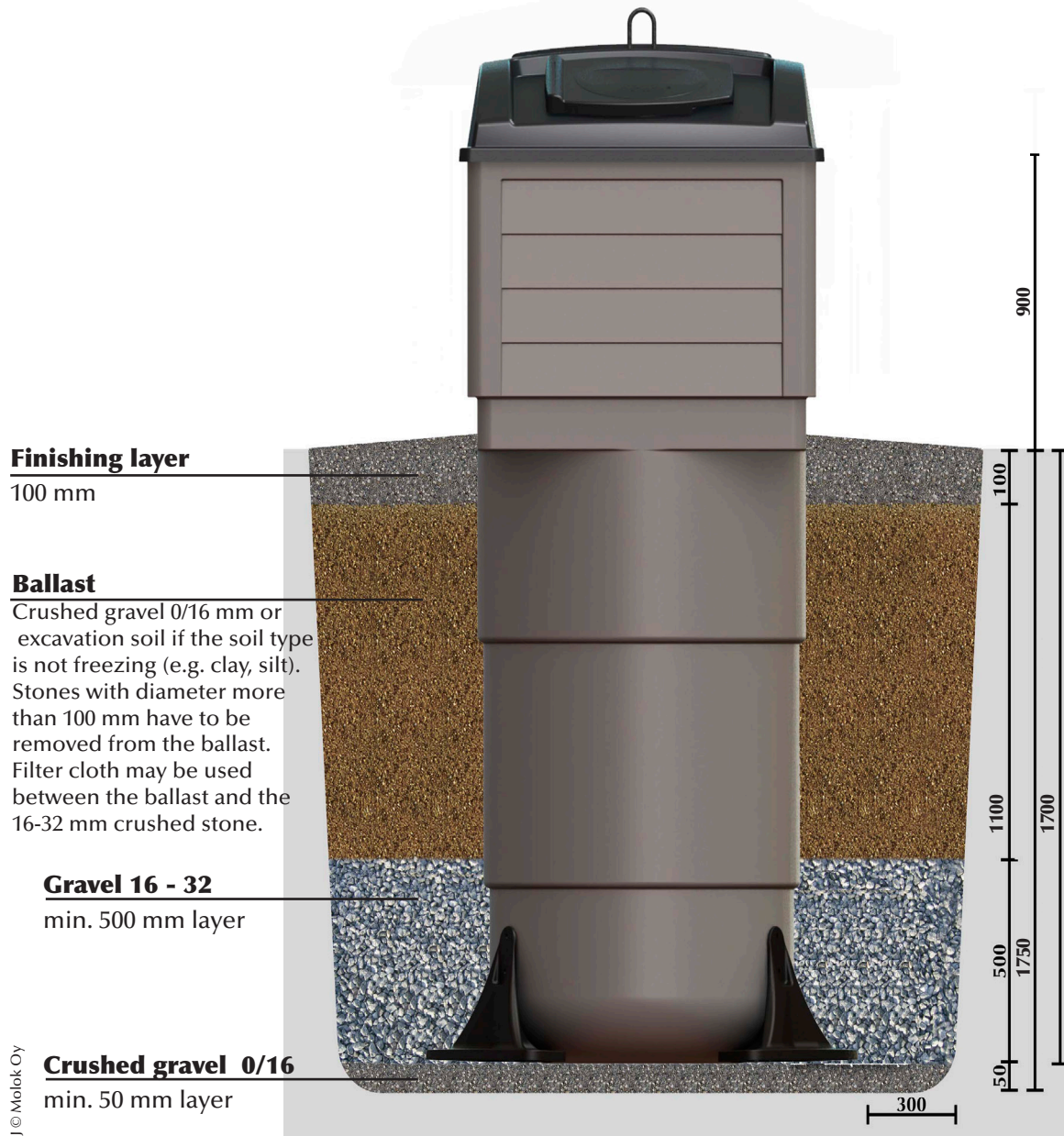


Image 2. Installation pit

1. Dig the installation pit according to instructions on the image. Level the bottom carefully with crushed gravel 0/16. Use spirit level to check the straightness and compact the ground if needed.
2. Preparing the containers: Fix the plastic bottom anchors into the container with two bolts each (bolts are tightened max. 25 Nm).
3. Lift the container to the installation pit by using lifting loops. The use of lifting beam is recommended
4. Align the lid opening by using the sign in the front panel.
5. Use a spirit level to ensure the container is straight and level. **Depending on the installation site**, use the spirit level either; **A.** on top of the aluminium ring (lid and lifting bag removed) **OR B.** from the sides of the container
6. Fill the pit as described in the image 2. With a light compactor, compact the filling soil carefully with every 200 mm layer. We recommend to use max. 100 kg round compactor.
7. Make sure that the finishing layer slopes slightly downward from the container.

### AFTER THE INSTALLATION

8. Remove plastic cover that protects the container
9. Remove the blue lifting loops that were used to lift the containers on site.
10. Lift and open the lifting bag carefully and check that the bottom of the lifting bag is closed tightly and the rope is placed according to the instructions. It is possible for the lifting bag's closing mechanism to open during delivery.
11. Place the lids, lifting bags and quick systems on their place

## 1. ANCHORING THE CONTAINER TO DRY OR SLIGHTLY MOIST SOIL

Make sure that the soil type has proper water drainage; such soil types are for example silt, grit and moraine. Install the containers according to the instructions given on page 2. Molok Ltd recommends the use of N-1 class filter cloth between ballast and gravel. If the soil type seems to have poor drainage or if the installation pit collects surface water, consider installing the containers according to point 3 below.

## 2. INSTALLING 5,0 M<sup>3</sup> CONTAINER TO WET SOIL OR SOIL WITH CLAY

Use N1-Filter Cloth on the bottom of the pit under the layer of Crushed gravel. Install a plywood plate (# 15 mm) as an extra anchor between every bottom anchor. Install the plywood plate on top of the bottom anchors in a way that the center of the plate touches the container on the inside and is in level with the bottom anchors on the outside. Fasten the plywood plate by screwing it from both ends to the bottom anchors, for example with 4x40 mm screws.

Finish the installation according the instructions on page 2, points 3-7. Note to use filter cloth also between ballast and gravel.

## 3. INSTALLING TO A VERY WET SOIL

Begin the installation according to points 1-5 on page 2.

Begin filling with crushed gravel, for example 0/16 mm, compacting in every 300 mm. Cast 1 m<sup>3</sup> ready-mixed concrete (for example K30, #16 mm, S3) on the gravel, and around the container. Make sure that the container does not move during concreting. Finish the filling according to point 6 on page 2. Finish the installation according the instructions.

All Molok<sup>®</sup> containers must be installed in accordance with directions supplied in Molok installation instructions. Any deviation from these instructions will result in the installer assuming all liability for any resulting damages.