

INSTALLATION GUIDE

Preparation of the foundation

The container must be installed on a suitable foundation. It has to be hard and compacted. Use suitable filling material.

Grained material may be of size from 0 to 32 mm, crushed material of size from 0 to 16 mm. Do not use frozen material.

Foundation has to be prepared in a layer of 15-20 cm and compressed up to 97 % by Proctor.

In the case of presence of groundwater the foundation has to be made from the MB15 concrete.

Installation of the container

Due to low weight the manual installation is possible. In case of machine handling bands may be tied around the chamber base. Before placing the container in the shaft, check if surface is clean without big pieces and container should be properly oriented. Use suitable lubricant (potassium soap) for pipes and gaskets for easier assembly.

Container backfill

Backfilling of the container requires the use of appropriate material (the same as for the foundation) and the correct implementation. The backfilling material must be carefully compacted up to the 97 % of Proctor in layers (up to 30 cm thick) in the area in the radius of least 50 from the wall of the body.

Special attention should be given to the area below the base of the container. All of the empty space must be filled and compacted with hand tools in order to prevent subsequent deformations to the container base.

In case of groundwater the container has to be filled with 30 cm concrete layer to the maximum level of groundwater, or to the minimum of 70 cm.

During backfilling the container heavy machinery should not be driven over the container or over the immediate area of the backfill until the chamber has been properly installed.

