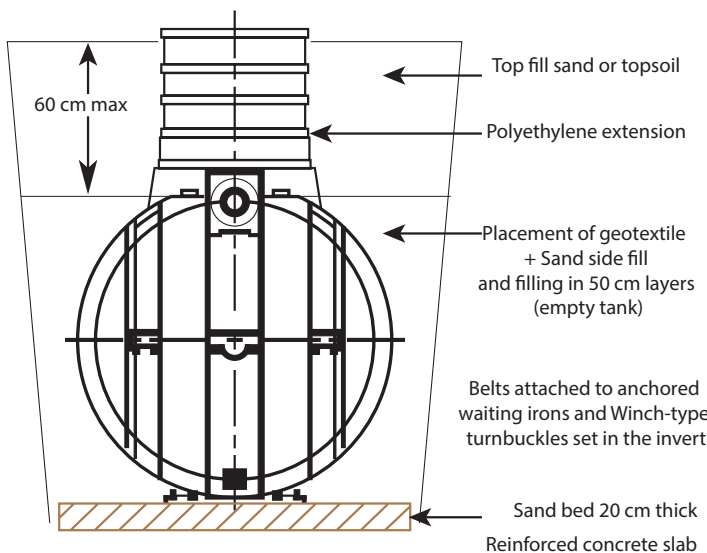


## INSTALLATION INSTRUCTIONS

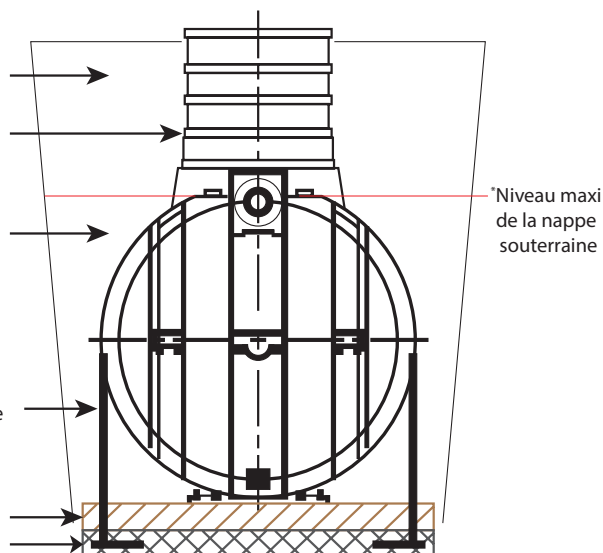
FOR UNDERGROUND POLYETHYLENE TANKS  
FOR TECHNICAL SHEETS 6020 AND 6022

P052

INSTALLATION ON NON-HYDROMORPHIC SOIL  
NON CLAY, **NO WATER TABLE**



INSTALLATION ON HYDROMORPHIC  
AND/OR CLAY  
**MAXIMUM HEIGHT OF UNDERGROUND NAPPE\***  
= LEVEL OF RESERVOIR'S UPPER GENERATRIX



### Handling

Tanks must be handled using chain slings to be hooked onto the lifting rings located on top of the shell, and with lifting equipment suited to the volume of the tank.

- Chain slings must be supplied by the installation company.
- Provide access for means of transport adapted to the location

### Earthworks

Please note: the height of the tank must be calculated in such a way that the height of the groundwater table does not exceed the level of the upper generatrix of the tank.

Create a separate excavation for each tank and, if necessary, draw down the groundwater table until backfilling of the unit is complete.

The walls of the excavation must be approximately 50 cm all around the tank. The bottom of the embankment must be at least 4 m from the tank.

### Creation of a protective slab

Just above the upper generatrix of the tank, build a self-supporting reinforced concrete slab on stabilized, undisturbed ground all around the excavation in the following cases:

1. In case of backfill of more than 60 cm above the upper generatrix of the tank (attention, only one backfill).
2. In case of punctual overload due to vehicles passing less than 4 m from the edge of the excavation.
3. When using concrete risers.
4. Overloads due to extreme weather conditions.

This slab must rest on the stabilized, undisturbed ground around the excavation.

**Attention** before installing the protective slab, the tank must be backfilled with sand and then completely filled with water.

### Anchoring belts

It is imperative to use the appropriate belts, when fastening them around the tank and on the irons. They must not be subjected to excessive tension in order to maintain the cylindrical shape of the tank.



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