



## Below Ground Septic Tank Installation Guidelines for Xactics Tanks

**This tank series should not be installed in clay.  
The warranty is voided if it is installed in clay.**

### Excavation:

- Maximum soil cover of 36" for septic tanks and 24" for holding tanks.
- 12 to 18" all around the tank.
- Always make sure that the trench is well drained.

### Preparation of bedding & installation:

- Prepare the bed with sand and aggregate. Level the bed.
- Make sure the bed is well compacted and that the trench is well drained.
- Position the tank in the trench and note the direction of flow.
- The inlet is higher than the outlet. See arrows on the tank.



### Filling the tank with water and connections:

- Fill tank with water. (Does not apply for holding tanks.)
- While water-filling, proceed to make plumbing connections.
- The size of the inlet and outlet connectors is 4". Use adapters to fit your own pipe sizes and material.

### Backfilling the contour of the tank:

- Backfill with 9" maximum thickness layers at a time.
- Compact each layer well.
- Never backfill on one side only. Backfill uniformly all around the perimeter of the tank.
- Backfill with sand and round gravel (< 1" dia.) or with sandy loam. You can also use excavated soil.

### Backfilling the top of the tank:

- Maximum soil cover of 36" for septic tanks and 24" for holding tanks. Allow the installation of risers.

### Pre-Filter:

- If a tank is equipped with an effluent filter, the filter should be cleaned once or twice per year.
- Pull out the pre-filter and clean it with a hose.
- Once cleaned, put it back in its original position.

### Important Notes

- Tanks shall never be installed in clay and/or water saturated clay.
- Septic or holding tanks shall never be installed where water table is in contact with the base of the tank.
- Septic tanks shall be filled with water after each pump out, in order to prevent the collapsing of the tank. (Septic only.)
- Never use a septic tank as a holding tank or as a pumping station.
- Remove the 2 x 20" lids when pumping out. This will avoid air lock.
- Do not install septic tank or drainage field across the path of vehicles or heavy equipment.

