Installation Guide for Septic Tanks

IMPORTANT

- The tank must never be installed if the permanent groundwater table is higher than the base of the tank.
- Never install a tank in a trench with clay soil, as upward pressure may cause the tank to heave or deform.
- Always refill the tank with water after it has been emptied.
- Never convert a septic tank into a holding tank.
- All septic systems must be pumped out in accordance with municipal regulations.
- Never use a septic tank or holding tank for potable water.

WARRANTY

Xactics tanks are covered by a 5-year warranty against manufacturing defects. Under this warranty, our obligation is limited to replacing the defective tank with a new one once the manufacturing defect has been confirmed. This warranty does not cover installation or transportation costs

INSTALLATION METHOD EXCAVATION

EXCAVATION

- Maximum soil cover of 36" for septic tanks and 24" for holding tanks.
- Provide a minimum clearance of 12" around the tank during excavation.
- Provide a bedding thickness of at least 6" in soft soil and 12" when the bedding is placed on bedrock.
- It is important to compact the bedding properly using sand or 0–3/4" gravel.
- Ensure that the bedding is level.
- It is strongly recommended to drain the trench by diverting surface water that could accumulate in the excavation and/or by installing a drainage system at the bottom of the trench to eliminate water accumulation and prevent tank flotation.

BEDDING PREPARATION AND TANK INSTALLATION

- Ensure that the bedding is level and well compacted.
- Ensure that the tank is installed in the correct orientation.
- Identify the tank inlet and outlet.
- Remove the covers and inspect the inlet and outlet elbows to ensure they are properly connected.

PLUMBING CONNECTION AND TANK FILLING

- While filling the tank with water (not applicable to holding tanks), proceed with the plumbing connections.
- Backfill evenly around the perimeter. Do not backfill one side at a time.
- Never place more than 9" to 12" of backfill at a time; compact moderately.
- Never use large rocks for backfilling. Use stones smaller than 1" mixed with sandy soil (excavated material).

CROWN BACKFILLING

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