



Installation Procedure for Concrete Tanks

To warrantee a watertight tank, buyer must meet the following conditions:

1. Manufacturer should be made aware of depths with more than 3 feet of cover on tank.
2. Manufacture should be made aware of water table above bottom of tank. Floation calculations are the responsibility of the project engineer.
3. Excavation must be pumped and kept dry during the installation. (Use of a sump pump maybe required).
4. Tank sections should be set level. The base must be a transit leveled clean granular, compacted material to support the chamber without the chance of differential settlement (6" of crushed stone recommended). Ledge should be removed a minimum of 12" from bottom of tank.
5. Area clear of all overhead obstacles (such as wires) and ground stabilized for safe operation of delivery truck.
6. Excavation (by others) needs to be accessible to our delivery truck. If site conditions and/or section weights require the use of a crane, it shall be provided by others.
7. Manufacturer not responsible for damage beyond the curb.
8. A safe working area around tank must be provided to allow sealing from outside.
9. On site personal required by contractor for installation (approximately 2 to 4 people). Customer responsible for supplying personal for positioning of sections and placement of sealant in excavation.
10. The joints must be kept clean of foreign material while sealant is placed and the sections are being set. Joint sealants must be placed per manufacturers specifications. Concrete sealant is placed on the upper and lower ship lap joint. When joining sealant mold together at ends. Remove all paper and backing when applying sealant. Sealant must compress a minimum of 50% before backfilling. Sections must not be removed after sealant is compressed without adding additional sealant.
11. Pushing or pulling tanks or tank sections with excavator not recommended.
12. Suitable backfill material and placement methods must be used to avoid any damage or shifting of the sections.
13. Backfill must be placed evenly on all four sides in a maximum of 12" lifts within one foot of tank wall.
14. In excessive water table conditions, backfilled and/or partially fill tank with water to compensate for buoyancy.
15. H-20 loading tanks should be used in areas where heavy equipment will be driven over.
16. On residential tanks; H-10 Septic tanks are acceptable for situations with less than 5ft cover and no vehicle surcharge. H-20 Septic tanks are recommended for up to 8' of cover. Otherwise consult manufacturer.
17. Waiting time or delays beyond our control during installation will be billed additional.
18. Commercial tanks must be backfilled prior to filling with water to prevent damage to the sections. However it is recommended to do vacuum testing before backfilling.

ASTM C1227 Performance Test

Vacuum: Apply 4in of mercury. Tank is approved if vacuum is held for 5 min.

Water: Fill tank with water, let stand for 24 hours. Refill the tank. Tank is approved if water level is held for 1 hour

We acknowledge the receipt of the above conditions and agree to the terms:

Company _____

Name _____

Project _____

Signature _____

Item _____

Title _____