

**Re: Standard Installation & Backfill requirements for concrete tanks.**

Alberta Wilbert Sales Ltd. recommends that any of our concrete tanks that are installed be set on 6" inches of level washed sand or ¾" washed pea gravel, placed on an undisturbed soil base. The earth from the excavation can be used as backfill. We suggest that any large rocks or frozen lumps of clay be removed prior to backfilling.

1. Set base into prepared excavation **level** as above, clean groove of tank with wire brush, dust then dry with torch if needed. Set tape provided into groove overlap rolls by 4 inches. Set top sections lining up edges carefully prior to setting down. In cold weather allow 24 hours for tank to settle. You may backfill prior to this but do not use tank.

Tamping or mechanical compaction is **not recommended around the tank and is not allowed on top of the tank**. Compaction may void warranty. Standard settling is the usual method of compaction, and causes no damage to the tank. Mounding of the backfill to allow for some settling is suggested, but most often re-grading will be required. If compaction is required we recommend sand be used to backfill.

These practices are all recommended to maintain the integrity of the tank. Any external connections to the tanks are also protected from possible shearing or breaking.

If tanks are to be load bearing (i.e. vehicles driving over the tanks) then they should be ordered as such and backfilling around the tank should be in 6" lifts of a self compacting material such as washed sand or pea gravel around and on top of tanks. A concrete slab must be poured (6" to 8" thick) with 15ml rebar 6" on center at final grade and must extend out 2 feet on the width and length of the tank. Any roller compaction (non-vibrating) should remain 5' away from perimeter of the tank.

If the tank is to be placed on a concrete slab, then 6" of washed sand or 2" of styrofoam must be placed between the concrete slab and tank. **NEVER PLACE CONCRETE ON CONCRETE.**

**\*\*\*IMPORTANT\*\*\* "No tank should be left empty between October and March; a minimum of one (1') of fluid depth should be placed in the tanks to prevent the ground under the tanks from freezing and heaving a tank, increasing the risk of cracking".**

Consult your product sales representative for any questions.