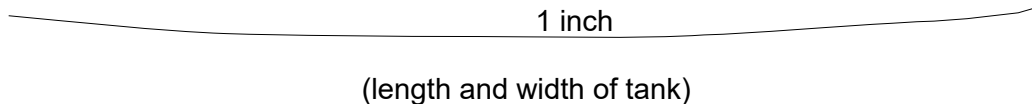


MERRILL

Precast & Supply Inc.

Installation Instructions for Concrete Septic & Pump Tanks

- Hole is to be dug and graded and approach prepared prior to delivery truck arriving on site.
 - Hole must be dug to listed hole size with straight and square sides, hole sizes allow for 12" cover. Loose dirt is to be removed, if hole is over excavated do not fill with loose soil.
 - Sand or pea gravel must be used over undisturbed ground to bring floor to proper grade.
 - All protruding roots, rocks, pipes or obstructions must be removed.
- Tanks need a solid base with no loose fill or mud under tank.
 - If a solid base can't be realized because of ground water or mud, hole must be over excavated and filled with course rock to provide for a solid base for tank.
 - Cracks caused by settling or improper base preparation will not be warranted.
- Water needs to be pumped out of hole until after the tank is set.
- The tank will be level only if you have a level base to set it on.
 - Base should be level and sized the same as hole dimensions with a 1inch concave depression tapering down to the center of the hole. This will support the weight of the tank on the tank walls.



- Septic tanks should be set ideally with 12"-18" soil cover with a maximum cover of 36". Maximum cover on tanks is 36". Do not drive any vehicle or equipment on standard tank. Any cover over 36" will require a traffic rated tank.
- Although heavy, concrete tanks will float. If ground water or rainwater gets in hole around tank, precautions must be taken to prevent floating. Putting 24in of water in both ends of tanks will prevent floating.
- Native soil is usually adequate when backfilling. If using the loader or backhoe to backfill care must be taken not to hit the tank. Rocks larger than 6" should not be allowed to hit the tank. Do not drive on tank at any time.
- The pipe seals on the tanks are shipped folded inside out. To install your pipe, from the outside of the tank reach inside the seal, grab the inner lip and unfold the seal. Chipping concrete flashing around outside of the seal may ease installing the pipe.

Please Note: Delivery is to end of county road or curb line. You are responsible any truck time, property damage, or tow charges incurred after we leave the county road. We will set tanks in hole only if we have adequate access to a properly prepared hole. Wet, muddy, or loose ground can get the trucks stuck incurring additional charges and must be evaluated carefully. We will not put ourselves or our equipment in danger to set your tank. The delivery trucks are 10ft wide with mirrors, 32ft long and 13ft Gin tall. We need adequate maneuvering room and clearances to back the truck centered to the hole with solid support for outriggers. Truck needs to be level side-to-side and less than a 10% slope front to back. We can approach from any end, side, or corner of the hole. Truck needs to be able to back up to the hole we can't set to the side of the truck.