

Belle Plaine

BLOCK AND TILE INC.

Precast Manufacturer & Distributor

Belle Plaine, MN 56011

TANK INSTALLATION INSTRUCTIONS

SITE CONDITION

The site must be accessible to large, heavy trucks and free of items like trees, stumps, overhead wires, etc. that could interfere with delivery or installation and allows trucks to within 3 to 6 feet of placement excavation.

EXCAVATION

Excavation should be approximately 12" minimum larger than tank size to allow for adequate back fill. This may vary with soil conditions. Excavation shall have a level bottoms so the weight bears on the outside walls of the tank.

BEDDING

Proper use of bedding materials is important to ensure service life of tank structure. Bedding must be capable of bearing the weight of the tank. Bedding material shall have the ability of 100% to be able to pass a 3/4" screen. Bedding thickness shall be 4" minimum compacted (thickness may vary with existing soil conditions).

JOINT SEAL

Septic tank joint surface to be clean with proper placement of sealant according to manufactures recommendations for a 3000 gallon tank or greater.

WATER TABLE

When tanks are being placed where water levels can potentially be higher than the elevation of the tank cover, an alternate location should be considered.

BACKFILL MATERIAL

Sidewall of tanks require dry backfill materials that has the ability of 100% to be able to pass through a 2" screen and a minimum of 12" on all sides from bottom to top of tank. Backfill material shall be placed to avoid impact loads on sidewall of tank.

COVER MATERIAL

Cover material shall be dry soil, material that has the ability of 100% to be able to pass through a 4" screen. Cover material shall be mounded over tank and around risers to direct run-off away from both.

INLET & OUTLET

Pipe not to exceed 1" past interior wall of tank where a baffle is used.

BURIAL DEPTH

Tanks to be installed to depths according to each model's maximum bury recommendations.