



Aussie Precast Products

INSTALLATION AND HANDLING INSTRUCTIONS FOR SEPTIC TANKS AND COLLECTION WELLS

1. The excavation for all standard tanks should be deep enough from the top side of the cut to allow the lid of the tank to be 100mm above finished ground level. Tanks with heavy duty lids to be excavated no more than 900mm below ground level.
2. The excavation should be at least 300mm wider than the diameter of the tank and the base should be level with a minimum of 50mm of coarse grade sand or fine aggregate.
3. The recommended way of lifting the tanks is to use a spreader bar with either lift point lugs that will attach into the 50mm lifting holes in the side of the tank or by 4 swift lift couplers with equal length slings attached to the swift lift anchors set in the walls of the tank.
4. Where ground water is a possibility and flotation may occur, we recommend pouring approximately 1-2m³ of concrete around the base of the tank before backfilling with soil.
5. The fitting of square junctions is done by gluing them into the 100mm flanged socket connectors which have been cast into the tank walls. A bead of silastic is then applied to the outer face to ensure water tightness.
6. Any choice of material may be used to backfill but we recommend clean decomposed granite without rocks to allow even compaction around the tank.
7. After backfilling the tank must be filled with water to 100% volume so that the tank will not float in times of heavy rain.
8. All our tanks will have lids sealed with polyurethane glue where necessary to eliminate mosquitoes and water ingress, however, if for any reason a tank has to be installed with the lid off, it is then the owner's/plumber's responsibility to make sure the tank is sealed. In the case of heavy duty lids being buried it is the owner's/plumber's responsibility to ensure that any risers or penetrations through the lid of the tank are sealed before backfilling to prevent water ingress.
9. Upon all of the above requirements being met, Aussie Precast Products will give a 15 year warranty on workmanship and materials.
10. If repairs are needed, they will be carried out in such a way as to bring the tank back to its original specifications. If this is not possible it shall be replaced.