

Paxton

agricultural & equestrian products

CLOSED TOP STORAGE TANKS (CT RANGE) RECOMMENDED SITING INSTRUCTIONS

IMPORTANT – WEIGHT OF INSTALLATION

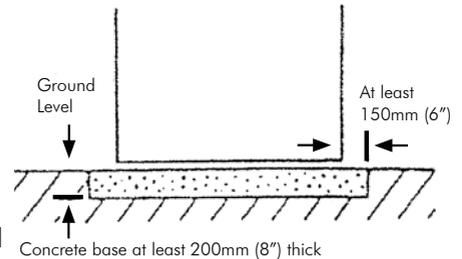
Please note that 220 gallons (1,000 litres) of water weighs approximately 1 tonne. When calculating the weight of your installation an additional 0.25 tonne should be added to allow for the tank and fittings eg.

1,000 gallon (4546 litre) tank	Contents	4.546 tonne
	Tank	0.250 tonne
Weight of complete installation		4.796 tonne

It is most important that the site of installation is capable of supporting the weight.

ABOVE GROUND INSTALLATIONS – ALL TANKS

1. Ensure that the Storage Tank is supported across the whole area of the base so that the weight of the tank and its contents is evenly distributed.
2. The supporting base must be firm and level. It is recommended that this should be concrete at least 200 mm (8 inches) thick. The concrete base should be larger than the of the Storage Tank and should extend 150 mm (6 inches) all the way round.



RAISED INSTALLATIONS

1. Ensure that the Storage Tank is supported across the whole area of the base so that the weight of the tank and its contents is evenly distributed.
2. The supporting base must be firm and level. **DO NOT** site the Storage Tank on individual beams otherwise severe distortion and damage to the tank base will result.

PLEASE TURN OVER FOR BELOW GROUND INSTALLATION AND FURTHER INFORMATION



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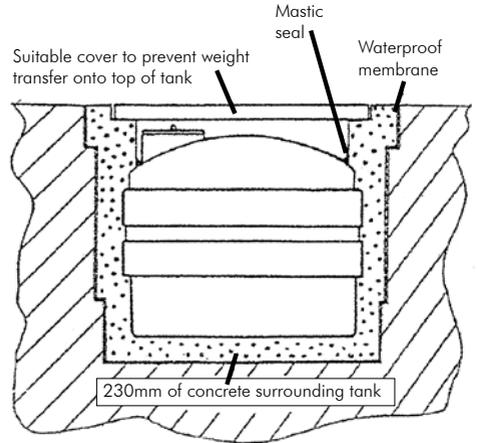
PAXTON is a division of LEAFIELD Environmental

BELOW GROUND - CTB RANGE ONLY

PLEASE NOTE: TANKS MARKED ABOVE GROUND USE ONLY (CTA Range) ARE NOT SUITABLE FOR BELOW GROUND INSTALLATION

Water within the soil is capable of exerting considerable hydrostatic pressure, therefore PAXTON tanks must be encased in at least 230 mm (9 inches) of concrete.

1. Excavate to the tank dimensions, allowing 230 mm (9 inches) minimum clearance around the sidewall and base of the unit. Level the base of the excavation. If levelling pegs are used they should be placed well away from the tank.
2. Ensure that any water is pumped from the excavation during installation.
3. Line the walls and base of the excavation with heavy duty plastic sheeting to act as a waterproof membrane.
4. Pour a concrete base to 230 mm (9 inches) minimum, and level.
5. When the base is hard, place tank centrally in the hole and ballast with approximately $\frac{1}{4}$ of its total volume of water.
6. Backfill around the tank with at least 230 mm (9 inches) of concrete allowing for a 150 mm (6 inches) overlap onto curved tank top. Ensure that the concrete is not too wet and that it is tamped in around the tank. Do not use a vibrating poker.
7. It is most important that you progressively fill the tank with water to the level of the backfill in order to stabilise pressures on the tank. This water should remain in the tank until the concrete has fully hardened.
8. Apply a mastic seal between the joint of the curved tank top and concrete to prevent ingress of water.
9. The tank screw top lid is designed to prevent ingress of dust, dirt and vermin, it is NOT to be walked on or buried such that the soil is in direct contact with the lid or top of the tank.
10. The storage tank area can be totally covered by a suitably strong cover, such as railway sleepers or a reinforced concrete slab. **PLEASE NOTE: The tanks should not be used as a former for a cast cover over the tank and any covering should be constructed in such a way as to avoid any weight transference to the tank. JB tanks are NOT load bearing.**



POTABLE WATER

The PAXTON CT range of Storage Tanks are suitable for potable water when fitted with the optional Bylaw 30 kit and installed so as to comply with relevant water bylaws. Your water authority should be consulted if you have any doubts about installation.

DURABILITY

PAXTON Storage Tanks are manufactured from U.V. stabilised medium density polyethylene by the rotational moulding process, which produces a tough, stress free, one piece moulding which is highly durable. It must be noted that Storage Tanks are not indestructible and should, therefore, be handled with care. Wherever practical, the installation should be shaded from direct sunlight.