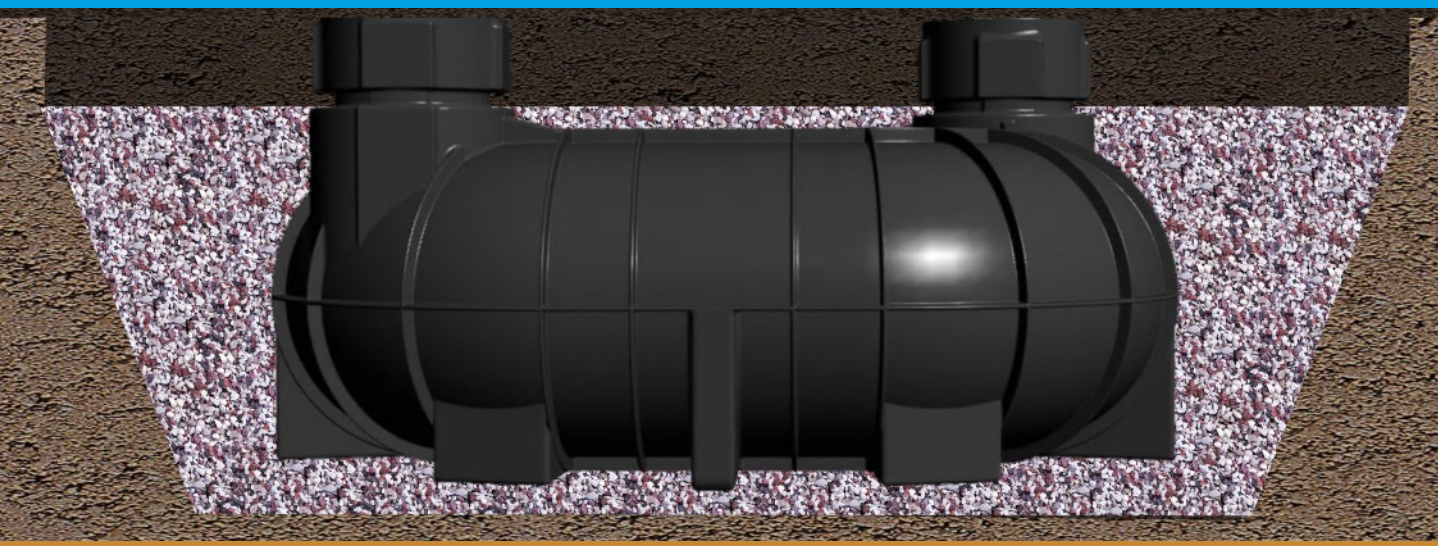

underground tanks

installation guidelines

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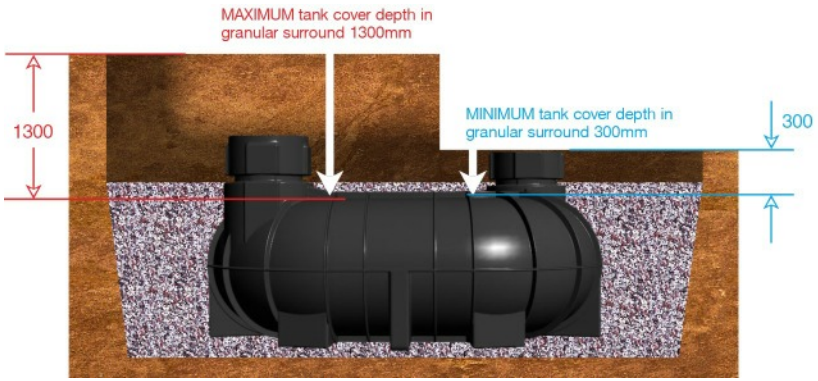
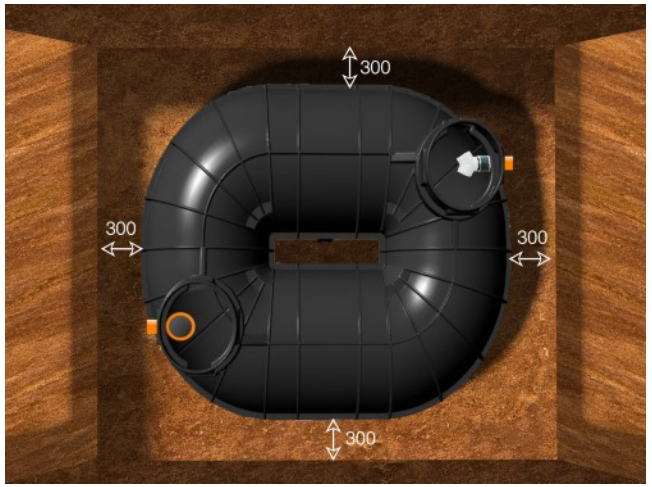
The illustrations and detail below show typical installation details for one of our 6800 litre units. All of our tanks and systems can be installed in a 300mm granular/ pea gravel surround.. A more detailed installation guide/instructions are provided with the tanks and systems.

STANDARD INSTALLATION (NON TRAFFICKED)

STANDARD INSTALLATION (TRAFFICKED)



Plan View of battered excavation and tank with 300mm surround



Installation in normal ground conditions with no water table.

- Construct a battered excavation, no shuttering or trenching sheet should be required. Excavation can be carried out by a Mini Digger/Excavator
- D = Approx. depth of excavation, which is the tank height plus 50mm for bedding material and allow an extra 250mm if the site needs to be de watered
- Allow 300mm right around the tank as shown above
- Install tank into excavation taking care that the area is clear of debris and any pointed objects are protruding through excavation and that the tank has no water inside
- Fill the tank to approximately a third full to help tank settlement.
- Connect pipework and any ductwork as per instructions
- Begin to backfill to water level with granular surround.10mm pea gravel is recommended
- Continue backfilling until the crown of the tank has a 50mm covering of pea gravel. Ensuring that the water level inside the tank is in line with the level of the backfill at all times
- Continue backfill with free flowing material to ground level or required slab level. Any final installation of covers or fittings can be completed.
- If trafficked a reinforced cover slab must be designed by a qualified structural engineer.

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