

INSTALLATION INSTRUCTIONS AND PLUMBING GUIDELINES

Thank you for purchasing a quality Terracorp Tank. Please read all these instructions carefully before installing your tank.

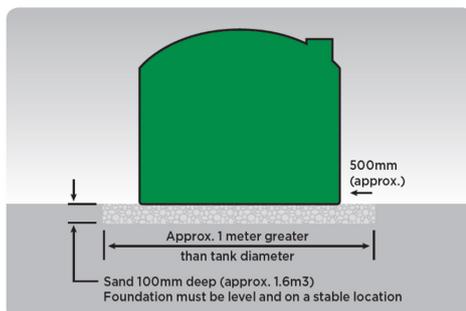
Failure to follow these instructions will result in the voiding of the warranty. Installation is the risk and responsibility of the purchaser/installer.

Foundation

A level, smooth and compact foundation is required to support the tank.

- Concrete, sand or crusher dust are all suitable. Please allow 100mm depth and approximately 1 meter greater than the tank diameter.
- The base should have retainment to prevent erosion such as retaining beams.
- Ensure sand/crusher dust pads are compacted uniformly, screeded flat and level.
- Ensure all pads are smooth and free of sharp or protruding objects such as rocks, tree roots etc.
- If locating at a sloping site, extra care should be taken to prevent erosion of the foundation.
- Always choose a firm and level area. If using an elevated platform, ensure the floor has gaps no greater than 25mm (preferably solid base).
- Consideration should be taken to accommodate the weight of a full tank, which roughly equates to one kilogram per litre (plus weight of actual tank).

Care given to correct foundation and installation will greatly benefit the lifespan of the tank and your ongoing satisfaction of our product.



Overflow should be piped away from the foundation to avoid erosion.

- **Terracorp tanks are only designed for above-ground installation and therefore must not be fully or partially buried.**
- Do not install water tanks over buried pipes, cables or any other utility connections which may require servicing or maintenance.
- Do not install water tanks over underground structures such as cellars, septic tanks, sewage canals, etc.
- Do not install water tanks where they could pose a potential hazard to life or property.

Plumbing Guidelines

Because poly water tanks expand when full, all plumbing connections to the tank **MUST** be flexible and allow for expansion.

Consideration of appropriate fittings, positioning and allowance for adequate support to any fittings should be taken to prevent issues with the tank including holes or splits.

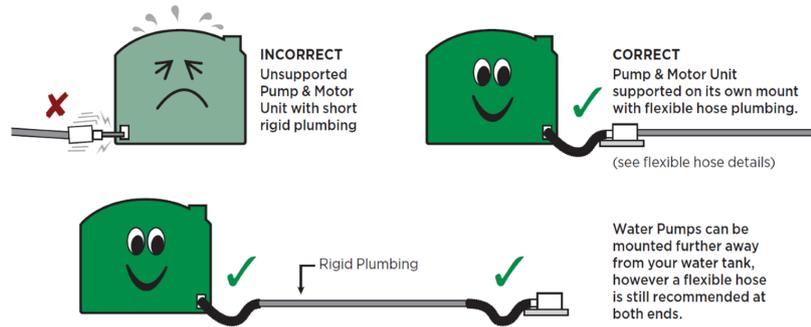
- All drilling and plumbing should be completed prior to filling. Failure to follow these instructions void all warranty.
- Flexible hose **MUST** be fitted to each outlet to validate the warranty. A minimum of 300mm flexible hose must be placed between fittings i.e. the valve and pump or piping.
- Ensure support to all pipes to minimise stress on the fitting and wall of the tank.
- Ensure all fittings used are of appropriate quality and are well sealed and watertight with no light penetration.
- Overflow must be piped away from the tank to prevent potential damage to the foundation. Adequate distance of piping away from the tank and base is recommended.
- Overflow must be the same or greater than the inlet (ie 1 x 90mm overflow, you cannot have more than 1 x 90mm downpipe filling the tank)

- Where pipe is exposed over a long distance, flexible hose must be inserted between fittings to absorb any movement.
- External piping must be supported adequately as stress can cause water leakage and/or damage to the tank.
- Where a tank is placed on an elevated stand, any pipe must be supported by the tank stand, not the tank itself.

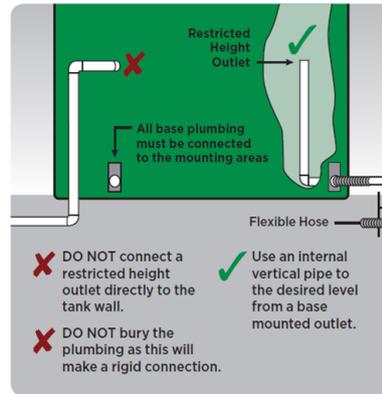
Notes

- Regular inspections of the tank and foundation are required. Keep the roof of the tank free of leaves and debris. Leaf Baskets and Mozzie Guards (overflow caps) must be cleaned regularly and free of obstructions.
- Ensure foundation/pad is flat and level with no evidence of sinking or damage.
- The lifespan and integrity of the tank can be compromised by poor installation. Time should be taken to prepare an adequate foundation for the tank.
- Corrugated iron, timber sleepers, bricks, tyres or similar objects are not permitted for use as a foundation for the tank. The type of base is unsuitable and potentially dangerous.

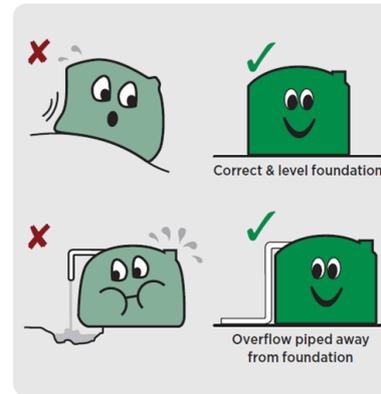
These recommendations are only a guide only and the manufacturer does not warrant that these are relevant and accurate to all customers and all tanks. Professional assistance is recommended when preparing the site for your tank. TerraCorp accepts no responsibility, negligence or otherwise for the loss or damage to tanks during or as a result of movement and installation notwithstanding that the customer has relied upon and followed the recommendations contained herein.



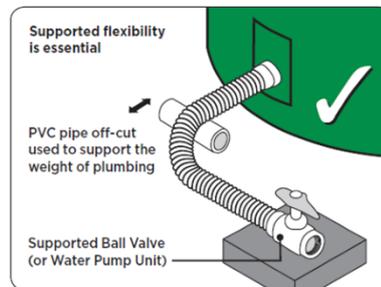
Water Pump Installation and Location



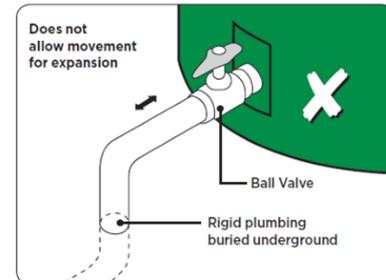
Restricted Height Outlet



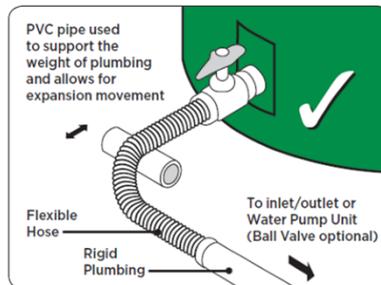
PLUMBING GUIDELINES



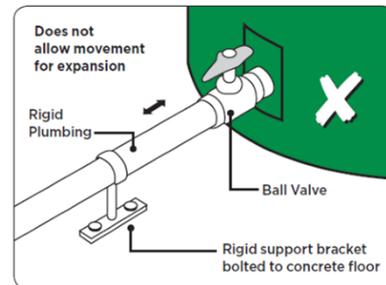
Flexible Hose to Ball Valve



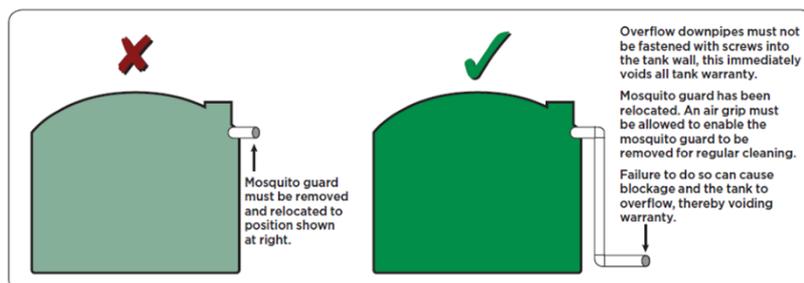
Wrong Installation - Buried Plumbing Voids Warranty



Directly mounted Ball Valve to Flexible Hose



Wrong Installation - Rigid Plumbing Voids Warranty



Mosquito Guard Voids Warranty