Typical Tank Installation

SITE PREPARATION

It is essential to have your tank on sound, level ground. Remove all vegetation, topsoil and hard objects (such as rocks) before setting up the tank base.

TANK BASE

The underside of your tank must be uniformly supported. To this end, you must construct a base of either compacted crusher dust or concrete. 75m – 100mm of crusher dust is usually used under round tanks and must be contained to prevent erosion over time. Treated pine sleepers are ideal for containment.

Slimline tanks are usually supported on a concrete base. Form up a base at least 100mm longer and 100mm wider than the tank footprint. If positioning the tank against a wall, insert an expansion joint between the tank base and the adjoining wall. Do not rest any part of the base on an existing footing.

The concrete must be at least 25 mpa and 100mm thick with F62 mesh halfway through the mix. It should be screeded level with no high or low spots. The finished surface should have a trowel finish.

WATER OUTLETS

1" BSP female outlets are moulded into the wall of the tank. Use a drill up to 22mm diameter for the 1" outlet to drill out the plastic inner wall at the required outlet.

Using a good quality thread tape to ensure a good seal, fit either a tap or gate valve to this outlet. Be careful not to cross thread or over tighten the tap or gate valve as this may cause damage to the outlet thread or dislodge the brass fitting from the tank wall. Over-tightening may void the warranty.

Connect a minimum 300mm long flexible suction hose to any ball valve. The flexible hose must be placed between the valve and all other plumbing or rigid pipe work to accommodate movement.

Proceed to connect your pump or plumbing.

OVERFLOW

To install the overflow, simply drill a 95mm hole (using a standard 95mm hole saw) through the vertical face of the tank shoulder. Fit the overflow to direct excess water to the stormwater system.

Vacuum out any plastic shavings from inside the tank so that they do not cause blockages or damage to your pump.

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Ph: 1300 79 48 50