

**Installation:** Melbourne Rotomould does not install tanks. It is the responsibility of the purchaser to ensure tanks are installed per local regulations.

**Use:** Tanks are manufactured for the purpose of domestic above ground static water storage only. They are not suitable for burial, water transportation, industrial use, installation of non-standard or larger than standard fittings, and are not designed to support live loads on the roof.

**Base Preparation:** Tanks must be installed on a suitably designed fully supporting base that is flat, level, and smooth. The tank base must be at least as large as the footprint of tank. To ensure long-lasting integrity, we recommend a suitably designed reinforced concrete slab overlying stable foundation material. If a concrete slab is not used, sand or other consolidated fill must be boxed in to prevent washing away. Tank stands may be used if engineered to support the weight of the full tank without deflection, and spacing between deck members does not exceed 25mm.

**Site Clearance:** To allow for expansion of tanks when full, round tanks should not be placed closer than 20mm from a solid structure, and slimline tanks not closer than 50mm. Tanks shall not be installed inside buildings, or where released water would have an adverse effect.

**Inlet pipework:** Inlet pipe diameter must not exceed the overflow pipe diameter to prevent water back flow. No more than one inlet pipe is permitted to feed the tank, unless equivalent additional overflows are also fitted. An 80mm gap must be left between the end of the inlet pipe and the inlet strainer mesh to allow for periodic removal and cleaning of the strainer basket.

*Routine Cleaning:* Periodically check and clear the inlet strainer.

**Overflow pipework:** If using consolidated fill, overflow pipework must be directed clear of the tank base to prevent it washing away. Do not glue overflow strainer in place so that it can be removed for periodic cleaning. *Routine Cleaning:* Periodically check and clear the overflow strainer.

**Outlet pipework:** Outlets must have a 300mm minimum length of flexible hose to allow for movement. All pipework must be fully independently supported, not reliant upon the tank for support. All connections to tanks must be able to be undone; warranty service will not cover reinstating hard plumbed fittings. Every effort is made to ensure all pre-installed connections are watertight as they leave the factory - but it is the responsibility of the installer to verify all connections are watertight prior to completing installation.

- Brass moulded-in female threads: choose the outlet/s you wish to use, then carefully drill out the plastic at the rear of the thread to allow water through. Plastic left in tank may cause pump blockages – ensure it is removed before filling with water. Carefully attach connections without damaging threads, use sufficient sealant.
- Plastic female thread: Carefully attach connection without damaging thread, use sufficient sealant.
- Brass male outlet: These have a left hand (reverse) threaded locknut which tightens in an anticlockwise direction. Carefully attach connection without damaging threads, use sufficient sealant.

**Pump Systems:** Connected pump systems must be tested prior to the tank being commissioned. Fill tank with water to 100mm above the pump's inlet connection and check for correct operation of pump (and mains backup system if fitted), as per pump manufacturer's instructions.

*Routine Cleaning:* Periodically check and clear the pump's inlet strainer.

**Joining Multiple Tanks:** Multiple tanks may be connected together with flexible hose using the bottom outlets. Overflow heights of the tanks must be at the same level. It is recommended to install valves on each tank outlet so that each tank can be isolated.