

STYRO®

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Water Tanks

- **Water Tanks**

Rotational moulding also known as roto moulding has been a process of manufacturing from early 1950s. The advantage of using this process for manufacturing water tanks and other water storage solutions is its consistency in wall thickness and its density. Providing great strength and durability to the product.

Today with the same process but new technology and machinery we are able to produce better quality products with more efficiency and greater outputs.

- **Blow moulded tanks**

Blow moulding is a relatively a new process in comparison with roto moulding. This process involves a extrusion of plastic material into a hollow tube. The hollow tube is then pressed by a mould and inflated with air, thus blowing the tube into the shape of the mould. Once cooled the mould is opened and the piece removed.

Water Tank Product Qualities

1. **How we safe guard your health?**

- a. We use UV stabilized and food grade polyethylene material; this enables our tanks to store any substance within the food industry.
- b. Food grade material ensures no contamination of products stored inside the tank.
- c. UV stabilized material prevents direct sunlight from entering into the tank therefore reducing the chance of contamination of stored products

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2. How we provide a long life

- a. We use polyethylene with a high density of elasticity, which when processed with a state of the art German machine provides for the correct strength and flexibility for the tanks. Strength allows for the endurance to all weather while flexibility allows the tank to accommodate for varying levels of pressure from products stored in the tank.
- b. The plastic polyethylene material is corrosion and rust free, adding to the long life of the tank.

3. Best installation practice to get the best from our tanks

- a. It is highly recommended that the tanks are installed on a FLAT SURFACE. This will ensure that equal pressure is asserted on the tank when the tank is filled with its substance may that be water or any other product.
- b. In the case where plumbing is required, please make sure plumbing holes are drilled within the designated areas on the tanks and correctly sealed to prevent any leakages.
- c. Ensure the lid of tank is closed properly once installed to prevent the inside of the tank from our natural weather.
- d. When installing the tank on a raised surface, please ensure the surface is built strong enough to with stand weight of the tank together including the tank being filled up.