

AQUAPLATE STEEL RAIN WATER TANKS

TECHNICAL DATA SHEET:



Inclusions

- ▶ 90mm Overflow
- ▶ 400mm Inlet Strainer
- ▶ 1" (25mm) Cast Outlet
- ▶ 1" (25mm) Nickel Plated Brass Ball Valve

Accessories

There are a range of fittings and accessories that can be added to your water tank, please see our Fittings Price List for more information.

Warranty

BlueScope Steel provides a warranty of up to 20 years on the material when used in the manufacture of water tank lids, walls and bases in Australian applications. The warranty is subject to the limitations and qualifications set out in their sample warranty document which can be provided upon request.

There is a manufacturer's warranty of 10 years on all steel Tanks and garden beds.

Features & Benefits

- ▶ Made to measure to suit your space
- ▶ Manufactured with genuine Australian BlueScope Aquaplate Steel which is specifically designed for constructing water tanks
- ▶ Lined with a food grade polymer lining to restrict water from being in direct contact with the steel
- ▶ Variety of colours to choose from
- ▶ Strong and durable design
- ▶ Resistance to fire, rust and corrosion
- ▶ Capacity up to 33,869 Litres
- ▶ Option to nominate positions for Tank Inlet, Overflow and Outlet

Recommended For

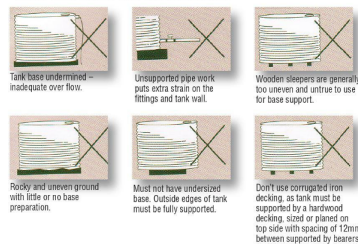
- ▶ Suitable for storage of rain, bore or river water
- ▶ CFA approved water storage
- ▶ The Australian climate
- ▶ Storage of drinking water

Tank Base

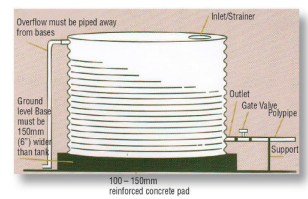
- ▶ Tanks should not be placed directly onto the ground and must be installed on a firm, stable platform with no overhang of the tank over the edge of the base.
- ▶ The overflow of the tank must be plumbed at least 2 metres clear of the tank to avoid undermining of the tank stand/base
- ▶ Ground level base must be 150mm wider than the tank
- ▶ Tank stands/base must be able to safely support the tank when full of water, bearing in mind that water weighs 1kg per litre.

Tank installation

THESE ERRORS MAY VOID YOUR WARRANTY



IF THESE GUIDELINES ARE NOT FOLLOWED, WARRANTY MAYBE NULL AND VOID



Physical Properties:

Height	850mm – 3150mm
Diameter	800mm – 3700mm
Length	1000mm – 3000mm
Width	600mm – 1150mm
Min Size	427 Litres
Max Size	33,869 Litres
Vertical Wall	Precision roll formed 0.6mm Aquaplate steel developed by BlueScope
Base	Double sided Aquaplate steel (internal & external polymer coating)
Lid	BlueScope Steel Colorbond or Z600 Grade Material
Fasteners	8gram x 15mm Hex Washer Head self stitching screws
Sealing	Neutral cure silicone sealant potable water approved AS4020
Corrugations	Corrugations for the tank walls comply with AS1445

Rainwater Tank Installation Guide

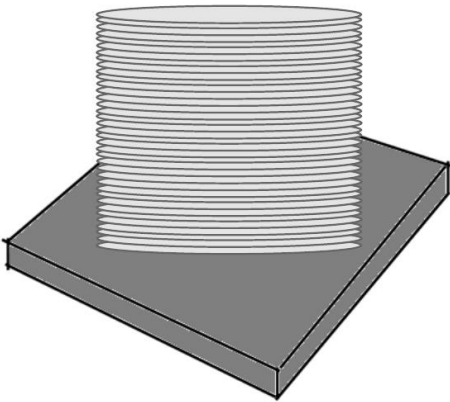
1. The tank stand (base) must be stable, firm, flat, compacted and free from any rocks, stones or sharp objects.
2. The tank stand (base) must be larger than the tank diameter and able to fully support the tank.
3. Tank stand (base) must be able to safely support the tank when full of water, bearing in mind that water weighs 1 kg per litre.
4. A reinforced concrete stand (base) is ideal but must also be greater than the diameter of the tank.
5. The overflow of the tank must be piped at least 2 metres clear of the tank to avoid undermining of the tank stand (base).
6. All corstrip must be removed from the tank after installation.

Aquaplate Steel is developed by BlueScope. It is a laminate consisting of a zinc-coated formable steel and a specially formulated polymer film, designed to meet the AS/NZS 4020:2018 requirements necessary for the storage of drinking water.



Base Preparation

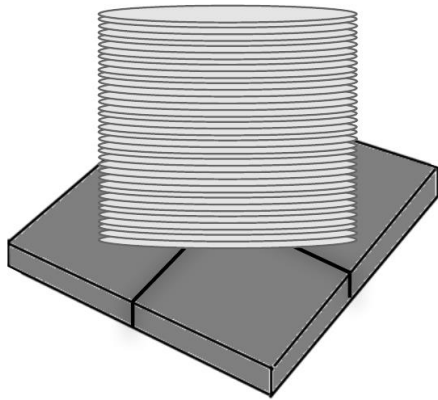
No responsibility will be taken for the failure of a tank due to an incorrect tank base preparation. Not following these guidelines will result in your warranty becoming null and void. Tank bases **MUST** to installed prior to delivery.



Concrete

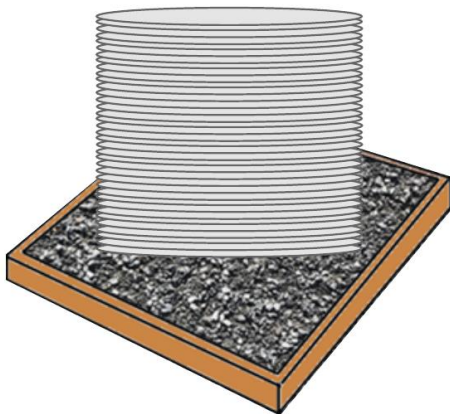
Our number one recommendation for your base is a concrete/cement pad. A concrete base will require the least amount of ongoing maintenance and is the most secure base type for your Water Tank.

Your concrete base will need to be a minimum of 100mm thick and be reinforced with F62 reo mesh. It is extremely important that your base is constructed on a flat and level area. If the area you will be placing your tank is on an incline then you must organise for your slab to be thicker and ensure that a higher grade of mesh is used. In order for your base to be a sufficient for your tank please make sure that the slab is flat, smooth and level. It is recommended that a trowel finish is used. The slab must be a minimum of 100mm wider and 100mm longer than your water tank. Please allow at least 5 days for your slab to cure before having your tank delivered.



Paver

When using concrete pavers as the base for your tank please ensure that the area has been dug down to firm earth. Once your sand and cement mix has been prepared it will need to be laid over your desired area ensuring it reaches at least 75mm in thickness. It is important that before you proceed to place your pavers that sand and cement mix has been levelled out correctly. Once the pavers have been placed flat onto your base you will be able to water them to set the sand and cement. It is required that your paver base follows the same guidelines for size as any concrete base. You can place your tank onto this base straight away however please allow at least 48 hours before filling your tank above the first 2 corrugations.



Crusher Dust

When preparing a crusher dust base please ensure that you are carefully following all guidelines. If you are unsure if your base has been prepared correctly please contact us at Auzzie Wrinkly Tin Tanks for further advice. It is important that there are no pieces larger than 5mm diameter when preparing your crusher dust base. Your base will need to be built up to be 150mm and heavily compacted to 50MPa as a minimum. Your base must be level and flat. In order for your crusher dust base to be a satisfactory foundation for your tank a border must be placed around all edges of the crusher dust. This is to ensure that over time your base does not erode or become damaged by substantial rain or burrowing animals. The slab must be a minimum of 150mm wider and 150mm longer than your water tank before adding the border. Crusher dust bases are only suitable for round tanks that are considered large in diameter. Your tank can be placed on this base and filled with water straight away. As a preventative measure to avoid erosion, it is recommended to spread coarse aggregate over any exposed crusher dust once the tank has been positioned.

Stand

If you have decided to elevate your tank using a manufactured stand it must be certified by a structural engineer to ensure that the foundation is strong enough to support your tanks weight and that construction and footing is satisfactory for the tank. Your tank stand must have a flat, smooth and level surface.

A gap of no more than 20mm between each board is allowed.

If the area you wish to place your tank is on an incline/decline it is permitted for the legs of the stand to be established with differing lengths.

