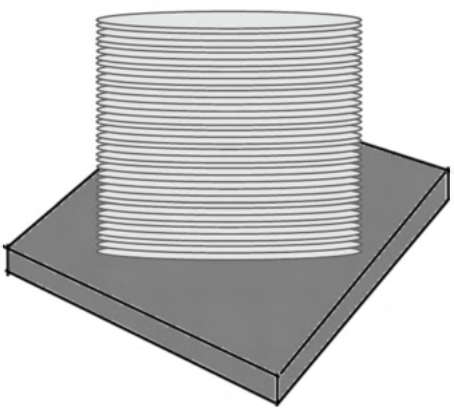
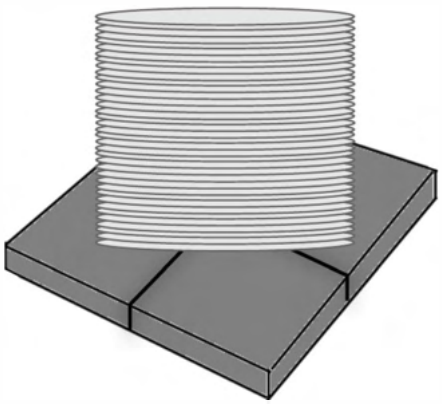
Base Preparation

Stainless Steel Tanks Pty Ltd accept no responsibility for the failure of a tank base or any damages caused to a tank due to failure of the base. Not following these guidelines will result in your warranty becoming null and void. Tank bases must be installed prior to delivery.



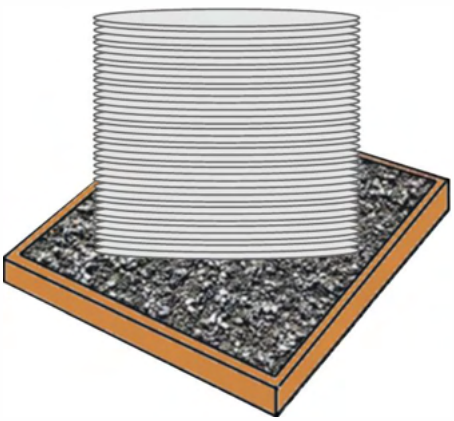
Concrete

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 Stainless Steel 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.



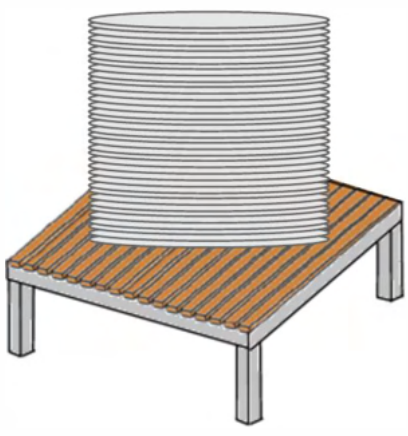
Paver

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 Stainless Steel 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.



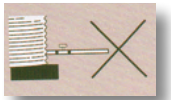
Stand

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.

Tank installation

THESE ERRORS MAY VOID YOUR WARRANTY

Tank base undermined – inadequate over flow.



Unsupported pipe work puts extra strain on the fittings and tank wall.

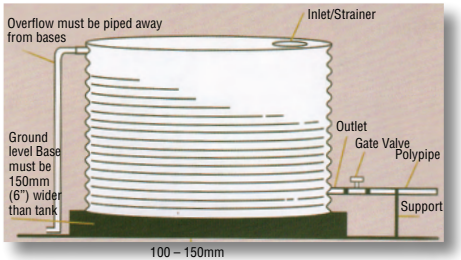
Wooden sleepers are generally too uneven and untrue to use for base support.

Rocky and uneven ground with little or no base preparation.

Must not have undersized base. Outside edges of tank must be fully supported.

Don't use corrugated iron decking, as tank must be supported by a hardwood decking, sized or planed on top side with spacing of 12mm between supported by bearers.

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



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.