

*Made In Australia*

# Taylex Tanks

Since 1969

Wastewater &  
Rainwater Specialists



## Rainwater Tank Solutions

Cool, clean water in  
**concrete or plastic**



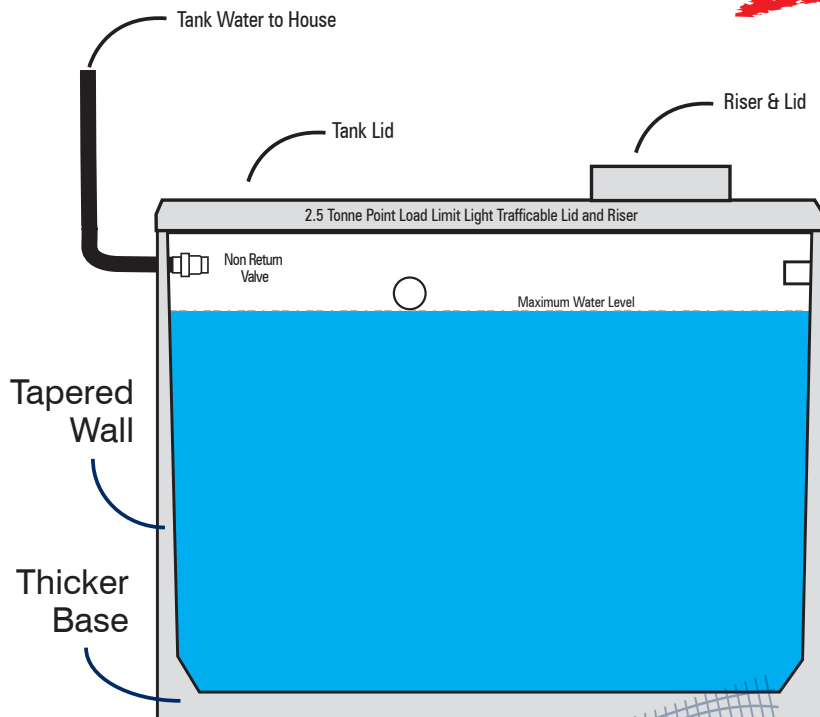
1300 TAYLEX

[www.taylex.com.au](http://www.taylex.com.au)

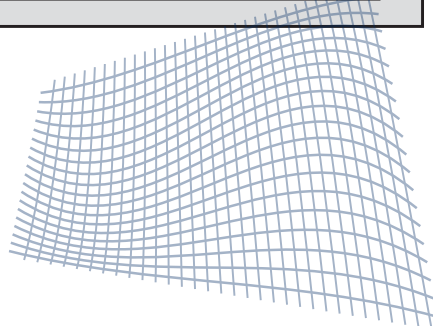
# Pre-Cast Concrete Rainwater Tanks

## The Taylex Difference!

Built Stronger to Last Longer!



Stronger with  
Reinforcing Mesh  
Sheeting  
On All Sides,  
Bases and Lids!



Remember your tank needs to be able to withstand ground movement and pressure as well as the weight of the water.

“ A 22,000Lt Tank can hold 22 Tonne of Water!! + the Weight of the Tank! ”

1L = approx 1kg.

All Taylex Rainwater Tanks have engineer's drawings available and can be certified for underground installation.

## About Taylex

Taylex has been building tanks since 1969. We have numerous sizes of concrete and plastic rainwater tanks ranging from 500lt to 30,000lts.

All tanks come with a 15 year warranty on Concrete Tanks and 10 year warranty on plastic tanks. Our moulds are purpose built to build the best products we can produce.

## Concrete Construction

Taylex Tanks contain more concrete than most other brands and are therefore heavier and stronger.

Our tanks are constructed from 40 mpa strength concrete. The Walls, Lids and Bases are reinforced with F72 and F41 steel mesh sheets.

Taylex tank walls taper inwards from the top to the bottom so that there is more strength in the bottom of the walls where it's needed. The base of the tank is also thicker to withstand the pressures of ground movement and the weight of water.

Standard lids are 100mm thick and light trafficable lids are 150mm thick. Both lids are reinforced with steel reinforced mesh sheets.

## Engineered Light Trafficable Lids

**\* Nominated Point Load Limits on Light Trafficable Lids is the MAXIMUM Weight Permitted on these tanks Including Soil.**

**Car Traffic Only - Not Rated for Trucks**

(For safety reasons, weight in excess of the engineer's specifications should not be allowed on these lids)

# Concrete Tanks... Things You Should Know

Concrete won't... Burn, bend or buckle!

## About Concrete

Concrete is the most used, man-made product in the world, produced using naturally occurring sands and gravels with cement which, through a process called "hydration" solidifies to a rock hard product that is perfect for the construction of water storage tanks. This process has been used since Roman times. It is a construction strength product capable of withstanding fire, heat, ground movement... and bullets! It is a natural insulator able to keep the stored water at a relatively constant, cool temperature in a dark environment which controls any algae growth.

## Concrete Anti-Floatation Collars

If your property has a high water table, it may be necessary to install multiples of shorter tanks so that your tank can be installed on top of the watertable and not in it. If a tank needs to be placed in a high water table area we may need to install a concrete collar that sits at the base of the tank to prevent floatation. Your Taylex consultant will advise you if this is necessary.

## Firefighting

Camlock or Storz fittings for fire fighting requirements can be installed in factory upon request.

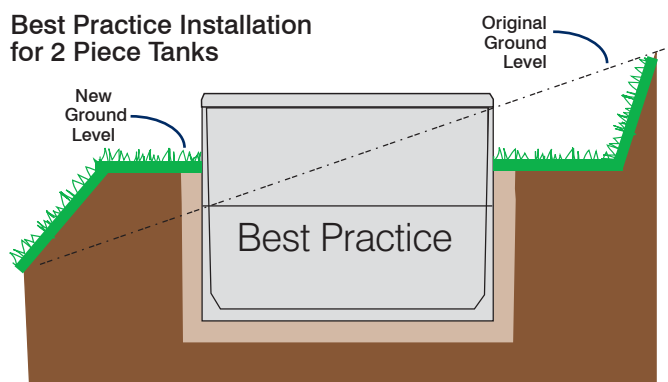
## Custom Core Drilling

Core drilling up to 150mm can be done in factory upon request for custom orders.

## Installation of 2 Part Tanks (31500Lt)

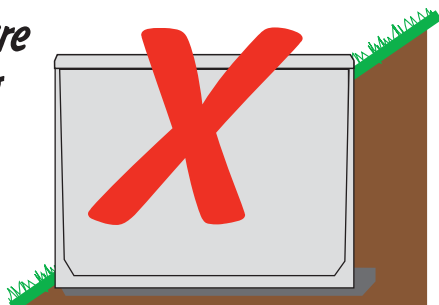
In-ground installations are best for these tanks. Soil levels should be the same on all sides of the tanks to prevent leaking or movement of the tank. Also where possible, the middle joint should be placed underground.

### Best Practice Installation for 2 Piece Tanks



**Taylex Tanks are NOT Retaining Walls!**

**Incorrect installation will VOID Warranty**

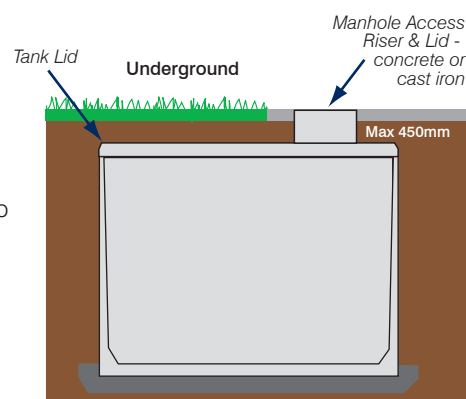


## Types of Installations: - Concrete Tanks

### Underground:

This installation allows a tank to be buried underground with only an inspection hole visible at ground level. It is only suitable for tanks with Light-Trafficable Lids (2 tonne point load limited - not trucks).

A maximum overburden (soil) of 450mm is safe for this tank installation. If you require to build or place a driveway over these tanks, please make sure that your slab is engineered and constructed to give extra strength to assist your 2 tonne point load limit on the lid design. You will require a cast iron Access Cover for this type of installation.

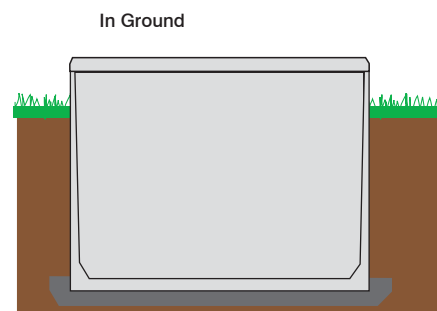


### Heavy Duty Lids:

*In some cases we can organise lids that may be buried to a greater depth. (please enquire regarding costs for engineer designs).*

### In-ground:

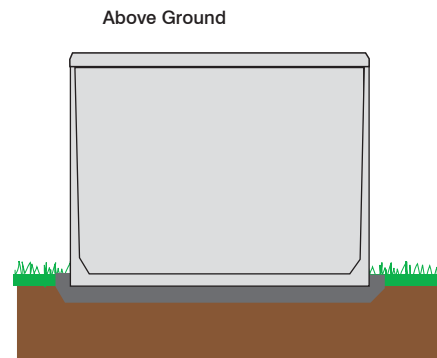
This installation allows a tank to be placed in the ground with approximately 300mm – 500mm or more of the top of the tank above the ground level. It is suitable for tanks with a Light-Trafficable Lid or a more cost effective Non-Trafficable Lid.



### Above-ground:

This installation allows a tank to be placed on a min 100mm boxed or sunken pad of 5-7mm gravel. It is suitable for tanks with both Non-Trafficable and Light-Trafficable lids.

Ensure that ground water and overflow pipes cannot wash away the Base and ground area around tank.



# Pre-Cast Concrete Rainwater Tanks

**15 Year Warranty**  
On concrete vessels

All Tank Lids can be custom made to suit any manhole access configuration

## 5000 Litre

- 1100 gallons
- Comes complete with Light Trafficable Lid and Riser

### Installation

Above Ground	✓
In Ground	✓
Underground	✓

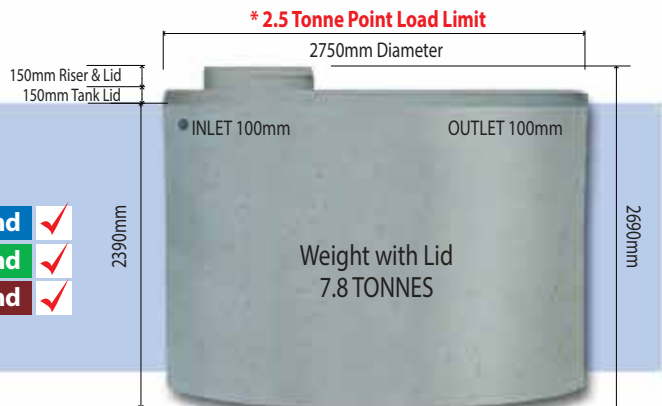


## 10000 Litre - Squat

- 2200 gallons
- Squat Tank
- Comes complete with Light Trafficable Lid and Riser

### Installation

Above Ground	✓
In Ground	✓
Underground	✓



*Our Most Popular*

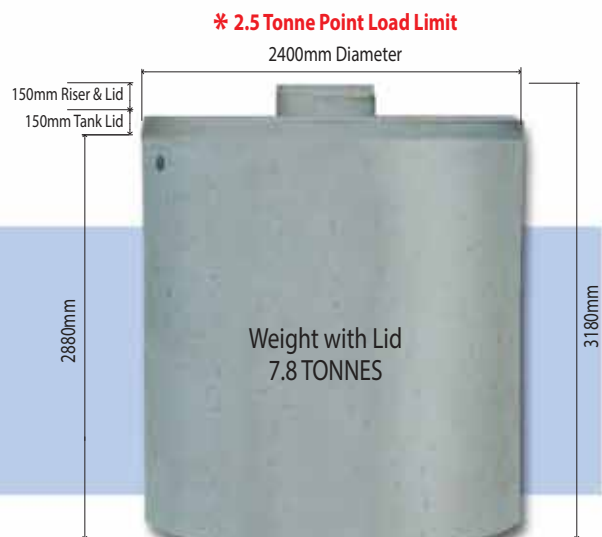
Domestic Tank

## 10000 Litre - Slimline

- 2200 gallons
- Tall Tank
- Comes complete with Light Trafficable Lid and Riser
- No Wide Load Transport Requirement

### Installation

Above Ground	✓
In Ground	✓
Underground	✓



\* Nominated Point Load Limits on Light Trafficable Lids is the MAXIMUM Weight Permitted on these tanks Including Soil. Car Traffic Only - Not Rated for Trucks

PLEASE NOTE: Some products may not be available in all areas. Please check with your consultant.



# Pre-Cast Concrete Rainwater Tanks

All Tank Lids can be custom made to suit any manhole access configuration

**15 Year Warranty**  
On concrete vessels

\* 2 Tonne Point Load Limit

Optional Light Trafficable Lid and Riser

## 15000 Litre

- 3300 gallons
- Optional: Light Trafficable or Non-Trafficable Lid
- Use multiple tanks where a high water table creates an installation problem

### Installation

Above Ground	✓
In Ground	✓
Underground	✓
Only with Light Trafficable Lid	

150mm Riser & Lid  
150mm Tank Lid  
100mm

2000mm



Weight with Trafficable Lid  
10.2 TONNES

Weight with Non-Trafficable Lid  
9.1 TONNES

*Our Most Popular*

Underground Tank

## 22500 Litre

- 4950 gallons
- Optional: Light Trafficable or Non-Trafficable Lid
- Our most popular underground tank
- Ideal for trickle feed and mains assisted household water storage

### Installation

Above Ground	✓
In Ground	✓
Underground	✓
Only with Light Trafficable Lid	

150mm Riser & Lid  
150mm Tank Lid

100mm  
2750mm



Weight with Trafficable Lid  
11.1 TONNES

Weight with Non-Trafficable Lid  
10 TONNES

*Our Most Popular*

In Ground Tank

## 31500 Litre

Available only in South East Queensland

- 6930 gallons
- Our most popular in ground tank
- Ideal for large volume, high usage water storage.
- A 2 piece tank joined on site by our installation team
- This size is the largest capacity, pre-cast transportable tank available today

### Installation

Above Ground	✗
In Ground	✓
Underground	✗

100mm  
2000mm  
2000mm



Top Section  
Weight 6.1 TONNES

Bottom Section  
Weight 7.3 TONNES

\* Nominated Point Load Limits on Light Trafficable Lids is the MAXIMUM Weight Permitted on these tanks Including Soil.  
Car Traffic Only - Not Rated for Trucks

PLEASE NOTE: Some products may not be available in all areas. Please check with your consultant.

# Poly Rainwater Tanks

## The Taylex Difference

**10 Year Warranty**  
On Urban Plastic tanks

- ✓ Thicker Walls & Base
- ✓ Heavier than most other tanks
- ✓ Food Grade Polyethylene
- ✓ 10 Year Warranty

## Slimline Range

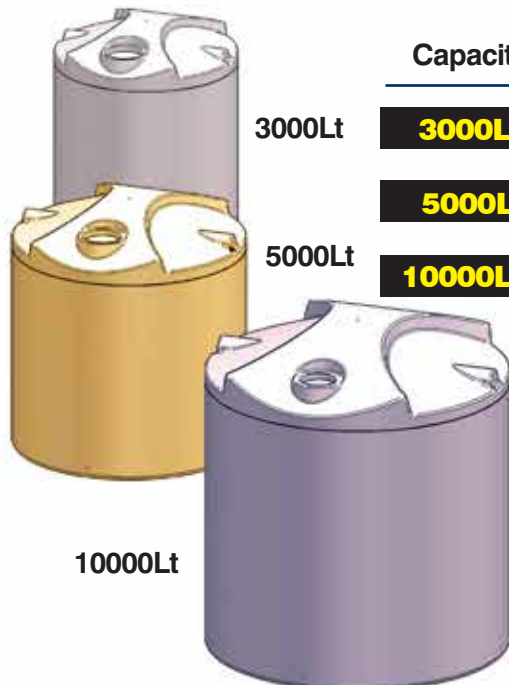


Capacity	Weight	Diameter	Overall Height	Height to Inlet	Height To Overflow
<b>500Lt</b>	20kg	625mm	1915mm	1820mm	1820mm
<b>1250Lt</b>	37.5kg	930mm	2050mm	1810mm	1810mm

- Suitable for Under Eave installations
- Suitable for small areas
- Full range of colours
- Easy Do It Yourself install
- Or call a plumber for install
- Delivered to your door
- Fitted with brass outlet
- Fitted with brass joining nipples
- Flexible Joining Pipe and Clamps supplied
- Overflow and Strainer supplied
- Plastic Ball Valve supplied



## Urban Range



Capacity	Weight	Diameter	Overall Height	Height to Inlet	Height To Overflow
<b>3000Lt</b>	75kg	1500mm	2050mm	1945mm	1820mm
<b>5000Lt</b>	112.5kg	1920mm	2120mm	2000mm	1850mm
<b>10000Lt</b>	200kg	2400mm	2675mm	2475mm	2325mm

- Stronger than industry standards
- Full range of colours
- Easy Do It Yourself install
- Or call a plumber for install
- Delivered to your door
- Fitted with brass inlet/outlet
- Overflow and Strainer supplied
- Plastic Ball Valve supplied



PLEASE NOTE: Some products may not be available in all areas. Please check with your consultant.



Merino Beige 918



Smooth Cream 947



Birch Grey 838



Rivergum 234



Mountain Blue 392



Heritage Red 45



Heritage Green 2081



Mist Green 206

PLEASE NOTE: All colours are as close as modern printing processes allow

# Packages

## How to Save Money

Ask about a package comprising of Rainwater Tanks, Home Sewage Treatment System and Installation.

Installing a rainwater tank and home sewage treatment system together will keep your installation costs to a minimum. Your helpful Taylex consultant will project manage your installation including excavation, transportation, gravel, water and liaise with your building supervisor.



# Pumps & Accessories



Taylex has a large range of pumps, mains water controllers, water switches, trickle feed setups and quality fittings.

Only name brands are used including Davey and Claytech. Pumps are available in surface mounted or submersible models.

Allow your Taylex consultant to suggest the correct combination for your installation.

If in doubt your Taylex consultant will be able to arrange a customised recommendation from your pump supplier of choice.

# Manhole Access Covers

## Risers & Manhole Access Covers

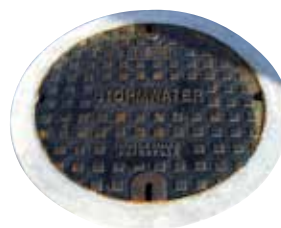
- All Non-Trafficable Lids are supplied with a 600mm concrete manhole cover.
- All Trafficable lids are supplied with a 150mm concrete riser and a 600mm concrete manhole cover. Extra 150mm Risers are available if a tank is to be buried more than 150mm deep. Maximum 450mm riser depth.

## Cast Iron Manhole Cover - Gatic

- A steel lid or manhole cover (Gatic) is designed to be placed above the tank riser in a concrete slab or driveway.
- Gatics are available as standard solid cast iron, or in-fill cast iron for decorative installations.

## 150mm Concrete Riser and 600mm Concrete Manhole Cover

Maximum Riser Height 450mm



## Standard Solid Gatic - Cast Iron Manhole Cover

## Decorative In-fill Gatic - Cast Iron Manhole Cover





# TAYLEX WARRANTY CONCRETE RAINWATER TANKS

## Buyers Beware

Your warranty is only as good as the company that you purchase from. In other words, you should only deal with a reputable long term company that will be around long enough to fix your tank if there is a problem.  
Taylex was established in 1969 and all we do is manufacture tanks. And if we have a problem we fix it.

## Warranty Policy

Taylex Industries warrants its range of pre-cast concrete rainwater tanks for a period of 15 years, provided that the tanks have been installed correctly (please refer to the installation instructions).  
Taylex Industries will guarantee to replace or repair (at its discretion) any of its concrete tanks that has a fault caused by its manufacturing process. Taylex Industries will not be liable for any cost other than the cost associated with the repair to the actual tank. Other cost may include, but are not limited to such things as:  
Damage caused by the tank in any way, truck and/or crane hire, water loss, property damage, excavation and/or clean up of property due to excavation, replacement of grass, plants, etc.  
Taylex Industries warranty does not include tank fittings, strainers, sealants, or any pipe-work associated with the tank. Such products will be guaranteed by independent suppliers.

**Any rainwater tanks that are buried MUST be filled with water to at least 75% capacity of the tank while installation is in progress. Installation is only complete after stormwater and overflow pipes are fully connected and hole has been backfilled. Failure to do so can result in the tanks floating. For any one reading this who does not know what we mean - think of an ocean liner. It floats but weighs a massive amount. A tank that weighs 14 tonnes will float with no water in it. Your warranty is void if the tank floats. And the cost of any rectification works will be substantial - So fill them with water !!**

## Warranty is void for the following reasons:

- Incorrect installations.
- Tank is modified in any way (i.e. drilling or smashing holes in tank can weaken the structural integrity of the tank).
- Tank is not used for its intended purpose, i.e. holding rain water.
- Tank is undermined due to erosion of supporting base by water, wind, land slides, etc.
- Under no circumstance can a rainwater tank be used as a retaining wall. Rainwater tanks are engineered to hold water. External pressures must be evenly distributed around the tank, and NOT ON ONE SIDE!
- All tanks must be installed on natural ground, NOT ON FILL! Putting tanks on fill can cause tanks to crack as the ground can move with the weight of the tank and water.
- All tanks to be installed on 5mm gravel – NOT sand or crusher dust, as the tank base can sink or move using incorrect bedding products.
- Tanks must be installed perfectly level.
- The base of the pad must be level and compacted. If the base subsides on one side, making the tank out of level, this can cause the tank to crack.
- One litre of water weighs 1kg, so a 22,000 litre tank that weighs 10 tonnes with 22 tonnes of water will give a total weight of 32 tonnes. Preparation of the base is therefore very important!
- Taylex takes no responsibility for damage caused by tree roots that get in between the lid and the tank on buried tanks. Please ensure correct plant selection when planting around tanks.
- The warranty does not cover any damage caused by storm, fire, flood or Act of God.

## Non-Trafficable Lids for tanks means

A non-trafficable lid has a total load limit of 300kgs. These lids may NOT be buried under any circumstance. You may NOT build any structures over these tanks i.e. Decks that use the tank as support, hot tubs, outdoor entertainment areas, etc.  
In most cases non-trafficable tanks that are buried should protrude approximately 300mm from the ground to the top of the lid.  
Under NO CIRCUMSTANCE may you drive over, or place the tank in a position that it can be driven over by you or any future owners of the property.  
Under NO CIRCUMSTANCE may you cover these tanks with soil, bark or any other material.

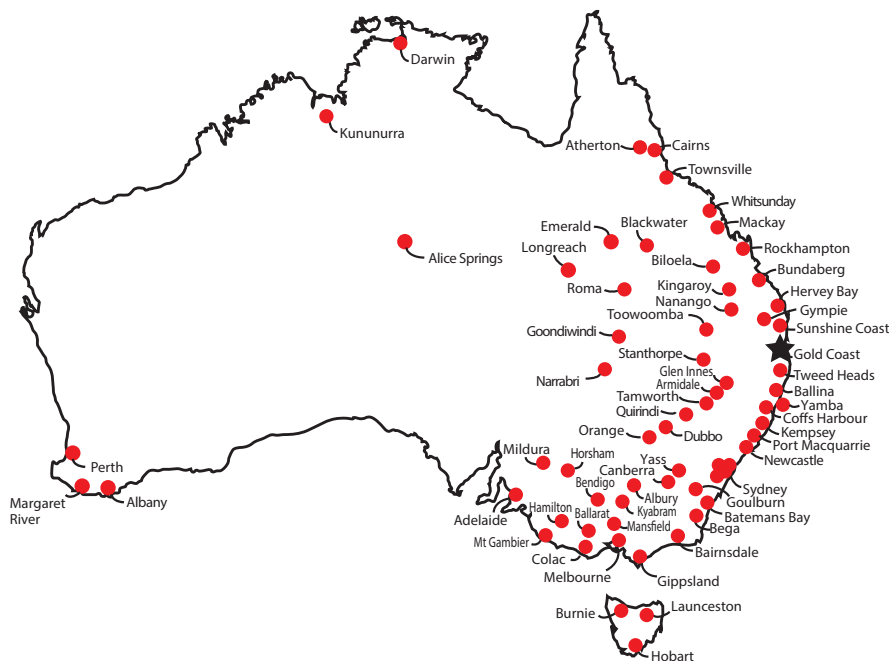
Please refer to the Rainwater Tank Excavation/Installation Instructions if you require more information.

## Light-Trafficable Lids for tanks means

Taylex Industries makes a range of light-trafficable lids that are engineered design. They have a load capacity from 2 tonnes to 8 tonnes. In most cases these tanks have a design loading of 2 tonnes. This means the maximum design load is 3kpa or 2.0 tonne static.  
It is imperative that when putting a load on the lid that it does not exceed the engineers specifications. (Please see Engineering Design for each tank to select which tank will suit your purpose.)  
The Taylex range of underground tanks can be used for a wide range of purposes, and are installed in many different ways. Please ensure that the end use of the tank does not exceed the top loading weight of the Engineered Specification.

Please refer to the Rainwater Tank Excavation/Installation Instructions if you require more information.

**Taylex Industries takes no responsibility for any damage that occurs due to incorrect use of its precast concrete tank range.**



# TAYLEX WARRANTY PLASTIC RAINWATER TANKS

## Buyers Beware

Your warranty is only as good as the company that you purchase from. In other words you should only deal with a reputable long term company that will be around long enough to fix your tank if there is a problem.  
Taylex was established in 1969 and all we do is manufacture tanks.

Polyethylene – the product that plastic rainwater tanks are made of:

Most of the polyethylene manufacturing companies who supply to the Australian market only guarantee their product for 10 years. Therefore any company that warrants its tanks for more than 10 years does so at their own peril.

Association of Rotational Moulders Australasia Inc. States, "it is widely recognised within the industry that a 10 year warranty of polymer tanks is fair and reasonable".

## Warranty

Taylex poly products warrants its poly tanks for a period of 10 years provided that the tank has been correctly installed. (Please refer to installation instructions).  
Taylex poly products will guarantee to replace or repair (at our discretion) any poly tank that has a fault caused by our manufacturing process.

Taylex poly products will not be liable for any other cost other than costs associated with repairs to the actual tank these other costs may include, but are not limited to such things as; damage caused by the tank, crane hire, water loss, property damage and transportation costs.

Taylex poly products warranty does not include tank fittings, strainers or any pipe work that may be associated with the tank. Such products will be guaranteed by independent suppliers.

## Warranty is void for the following reasons:

- Incorrect installation
- Tank is modified in any way
- Tank is undermined due to erosion of supporting base by water, wind, land slides etc.
- Tank is moved from its original position

Taylex poly products void any warranty on the tank or subsequent damage caused by the tank, to any person or property due to the tank blowing away by being empty or unsecured.

The warranty does not cover any damage caused by storm, fire, flood or act of god.

Taylex poly products range of stationary water tank is not designed for the transportation of water. All tanks must be used for their intended design purposes only.

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**Tanks**  
Wastewater & Rainwater Specialists

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CONTACT YOUR LOCAL DISTRIBUTOR



The Standards Mark refers to the vessels & systems manufactured by Taylex.

It does not cover the other items of equipment contained in the system.

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Can we also help with your sewage treatment requirements?