

## WATER SOLUTIONS FOR AUSTRALIAN INDUSTRIES



### DOMESTIC

Round water tanks, slimline water tanks and under deck water tanks are all popular choices for new homes, for use in the laundry, kitchen and yard.



### AGRICULTURAL

A rural water tank is a must on a farm, for irrigating crops, keeping animals watered and cool, and washing farm machinery.



### COMMERCIAL

Under deck tanks and underground tanks are innovatively designed to serve as either a water storage source or a trade waste solution.

# WELCOME

Thank you for your interest and welcome to the trusted products and services we deliver. We look forward to working with you in order to conserve and utilise rainwater – a resource well worth saving.



## OUR GUARANTEE

Our insistence on excellent business practice is proven by our attention to detail. Whether it be in systems, components, friendly and helpful service, quality workmanship or timely deliveries, we deliberately strive to provide guaranteed trouble free products that can be repeatedly relied on. With confidence, therefore, we cover all Rotoplas Rainwater Tanks with a 10-year warranty for your peace of mind. This excludes Vertical Underground Tanks, which we cover with a 5 year warranty.



## POLYETHYLENE ADVANTAGE

Rotoplas products are manufactured from the highest food grade polyethylene, conforming to AS/NZS 4766. Our tanks are strong, lightweight, UV resistant, and exceptionally durable.



## PRODUCT SPECIFICATIONS & SIZES

All specifications are subject to change without notice, in line with ongoing improvements. All sizes, measurements and capacities throughout this brochure are approximate due to the variable shrinkage of polyethylene during manufacture. All measurements are in millimetres.



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# WHY BUY ROTOPLAS TANKS?

## Smart by Design

In addition to their water conservation role, Rotoplas Rainwater Tanks are simply well designed. Structurally, the design offers unrivalled strength. Aesthetically the profile of our tanks coupled with the extensive colour range offers excellent opportunity for blending, or even use as a design feature, in heritage, traditional, contemporary and ultra-modern settings.



25 Colours at no extra cost



Family Owned for 10+ Years. We come from a background of extensive experience in the building industry, and we understand local needs and requirements.



Australian Made, supporting local communities and businesses



UV-resistant material for long term durability and protection from the harsh Australian climate



Self-supporting roof structure – no stainless-steel beams needed!



Maximum shot weight of raw material to ensure stronger wall thickness and extreme durability.

VIEW THE COMPLETE RANGE ONLINE AND CALL US FOR MORE INFORMATION

**Free Call 1800 218 000**

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



# ENVIRONMENTAL RESPONSIBILITY

In line with today's focus on ecologically sustainable development, green building design initiatives and BASIX requirements, Rotoplas is committed to providing quality rainwater storage and supply systems. Rotoplas systems simplify rainwater collection and utilisation and thereby actively promote the conservation of this very precious resource in the world's driest inhabited continent.

## What is BASIX?

Introduced by the NSW government, BASIX is a planning tool which affects all residential developments throughout NSW with a total estimated cost of works of \$50,000 or more. By meeting practical design requirements, new residential dwellings and alterations use less water and energy, saving you money and protecting our environment.

## How does BASIX work?

BASIX is an online program accessible by everyone. The user enters design data relating to the proposed development – such as location, size and building materials – into the BASIX tool. BASIX analyses the data and determines how it scores against the energy and water targets. The design must pass specific targets before the user can then print the BASIX Certificate.

## The BASIX Certificate

This lists all the commitments the user has agreed to, and the Certifying Authority will check these at various stages of construction. The BASIX Certificate must be attached to the development application before it can be processed.

## Sustainability Options

BASIX is flexible and easy to use, allowing users to determine how they will meet targets from a wide range of options such as rainwater tanks, water-saving fixtures, improved insulation, passive solar orientation, natural lighting and native plants for gardens.

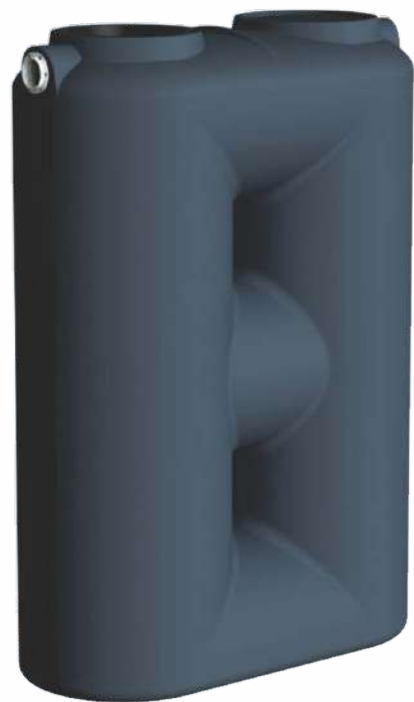
FOR MORE INFORMATION VISIT THE BASIX WEBSITE AT  
[www.basix.nsw.gov.au](http://www.basix.nsw.gov.au) | 1300 650 908  
or email [basix@planning.nsw.gov.au](mailto:basix@planning.nsw.gov.au)



# SLIMLINE WATER TANKS

## The Modern Space-Saver for New Homes

With the size of new homes on the decrease, and the construction of townhouses, villas and apartments (rather than detached dwellings) on the increase, smart use of space is becoming more critical in the design of new homes. Consequently, slimline water tanks are becoming increasingly popular, due to their ingenious ability to save space whilst conserving water and maintaining sufficient water storage! The unique appearance of a slimline tank can also be used as a design feature in modern or traditional homes.





Code	Profile	Capacity (Litres)	Length (mm)	Width (mm)	Overall Height (mm)	Leaf Strainer Size (mm)
CSWT2000	Corrugated	2000	2400	650	1800	400
SWT1500	Smooth	1500	1460	680	2050	400
SWT2000	Smooth	2000	2175	625	2015	400
SSWT3000	Smooth	3000	3100	680	2000	400



## BENEFITS

- Food grade, UV resistant material certified to AS/NZS 4766
- Unique moulded connections prevent bulging and enhance durability and strength
- Slim footprint to save space
- Attractive design - smooth, seamless profile for featuring in new, modern homes, or corrugated profile for traditional homes. Both styles available in extensive colour range.

## SUPPLIED WITH

- 1 x 90mm overflow - supplied loose
- 1 x mosquito proof inlet strainer – fitted
- 2x 1" BSP outlets



# MODULAR SLIMLINE WATER TANKS

Where Innovation  
Meets Efficiency

When you need a rainwater tank, but the only space you have for it is restricted and irregular, the innovative range of Rotoplas Modular Slimline Water Tanks are the perfect solution. You can start off small, and gradually increase your capacity by adding modules later, and you can connect them to fit around a corner of your home. Whatever your specifications and requirements, there is a configuration to suit. No wasted space. No wasted water. No wasted money.







Code	Capacity (Litres)	Length (mm)	Width (mm)	Overall Height (mm)	Leaf Strainer Size (mm)
MSWT2000 - 900	2000	1800	900	1900	400
MSWT3000 - 900	3000	2700	900	1900	400
MSWT4000 - 900	4000	3600	900	1900	400
MSWT2700-1000	2700	2000	1000	2050	400
MSWT4000-1000	4000	3000	1000	2050	400
MSWT5400-1000	5400	4000	1000	2050	400
MSWT3350-1100	3350	2200	1100	2050	400
MSWT5000-1100	5000	3300	1100	2050	400



## BENEFITS

- Food grade, UV resistant material certified to AS/NZS 4766
- Varied width profiles to suit space and capacity requirements.
- Attractive design – traditional corrugated profile and extensive colour range to suit the style of your home
- Available in 2 module, 3 module or 4 module configurations
- Gradually increase capacity by adding modules later
- Ideal for restricted and irregular areas

## SUPPLIED WITH

- Pre-connected modules joined with 2 x 1" brass fittings
- 1 x 90mm overflow - supplied loose
- 1 x mosquito proof inlet strainer per module – fitted
- 1 x 1" BSP outlet per module

# UNDER DECK WATER TANKS

## Water Storage Out of Sight

Providing the most efficient use of space, an under deck water tank allows you to store water completely out of sight, making use of otherwise wasted space under your deck, and freeing up your yard. With a low deck, you can opt for a squat under deck tank, or you can choose the narrower model to neatly fit between piers and bearers. Multiple tanks can be easily joined together to provide greater capacity, allowing you to maximise water storage. These tanks can also be used as a waste solution.





# UNDER DECK WATER TANKS 2000L



Code	Capacity (Litres)	Length (mm)	Width (mm)	Overall Height (mm)	Leaf Strainer Size (mm)
UDWT2000	2000	2400	1200	850	400
UDWT2000S	2000	2400	1800	550	200



## BENEFITS

- Food grade, UV resistant material certified to AS/NZS 4766
- Link together for extra capacity
- Ideal for small blocks, to eliminate intrusion into your yard
- Unique ribbed design provides durable structure
- Standard and squat designs available, featuring either narrow profile, to easily fit between piers and bearers, or squat profile, to fit under some of the lowest decks around!
- Designed for use as either a water or waste solution

## SUPPLIED WITH

- 1 x 90mm overflow - supplied loose
- 1 x mosquito proof inlet strainer – fitted
- 2x 1" BSP outlets



# ROUND WATER TANKS

## A Large, Good Looking Family

If you have a big yard, high maintenance gardens, or plenty of width beside your home or shed, then a domestic round water tank may just be for you. Our corrugated range possess a timeless style and are available in a large range of sizes and colours.





# DOMESTIC ROUND WATER TANKS



Code	Capacity (Litres)	Diameter (mm)	Inlet Height (mm)	Overall Height (mm)	Leaf Strainer Size (mm)
RWT500S	500	900	1000	1000	400
RWT1000	1000	900	1900	1900	400
RWT1000S	1000	1300	1050	1100	300
RWT1350	1350	1000	2050	2050	400
RWT1675	1675	1100	2050	2050	400
RWT2500	2500	1300	1950	2000	300
RWT2500S	2500	1800	1230	1300	400
RWT3500	3500	1550	1950	2050	400
RWT5000	5000	1800	2180	2250	400
RWT7000	7000	2050	2350	2450	400



## BENEFITS

- Food grade, UV resistant material certified to AS/NZS 4766
- Ideal for new homes, to provide sufficient water capacity for domestic applications such as watering gardens, laundry use, and kitchen use
- Domed and ribbed roof provides self-supporting structure for maximum strength
- Aesthetically pleasing traditional corrugated style
- Large range of sizes from 500 litres to 7000 litres, to suit your water storage requirements
- Lifting lugs (on 1000L Squat, 2500L, 2500L Squat, 3500L, 5000L, 7000L) for easy manoeuvring

## SUPPLIED WITH

- 1 x 90mm overflow - supplied loose
- 1 x mosquito proof inlet strainer – fitted
- 2 x 1" BSP outlets (except for RWT500S, RWT1000, RWT1350, RWT1675 which have 1 x 1" BSP outlet)

# RURAL WATER TANKS

*Superior Design for  
Superior Performance.*

A rural water tank is the ultimate companion for a farmer, propagator, master-gardener, acreage owner, for anyone with a rural property with soil to cultivate, animals to water, crops and plants to irrigate, heavy machinery or vehicles to wash. In short, for anyone with high dependence on sufficient water supply.

Rural Australia is a harsh environment. Consequently, rural water tanks need to be tough and durable to ensure they provide sufficient water storage from a reliable tank. A Rotoplas rural water tank provides that assurance with its smart design and superior structure. Available in the extensive Colorbond colour range, to match your surrounding environment.







Code	Litres ← Capacity → Gallons	Diameter (mm)	Inlet Height (mm)	Overall Height (mm)	Leaf Strainer Size (mm)
RWT22700	22700      5000	3600	2390	2680	500



## BENEFITS

- Food grade, UV resistant material certified to AS/NZS 4766
- Ideal for rural blocks, to provide sufficient water capacity for washing farm machinery, irrigating crops, or keeping animals watered and cool
- Superior structure – unique ribbed and domed roof design provides durable fully self-supporting structure, meaning it does not need any additional supporting poles or stainless steel arms!

## SUPPLIED WITH

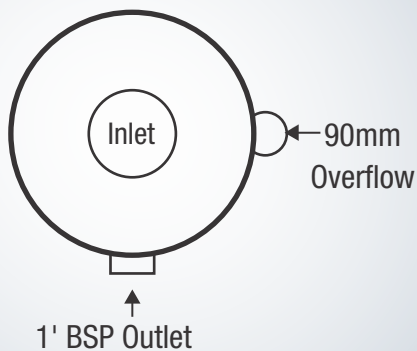
- 1 x 90mm overflow - supplied loose
- 1 x mosquito proof inlet strainer – fitted
- 2 x 1½" BSP outlets
- FREE delivery within Newcastle, Illawarra, Sydney, Southern Highlands, Canberra, South Coast regions and regions in between. See page 25 for more freight details.

# TANK FITTINGS

Rotoplas Rainwater Tanks are fitted with 1 inlet strainer and either 1 or 2 BSP outlets, depending on the model. These diagrams indicate the standard fitting locations of the inlet strainer and outlets, as well as the standard location of provision for overflow, which is supplied loose. Where there are any changes required to standard tank fitting, we require a drawing indicating the preferred fitout.

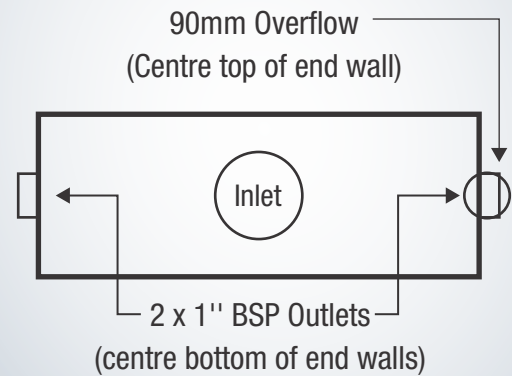
## ROUND WATER TANKS

RWT500S, RWT1000, RWT1350, RWT1675

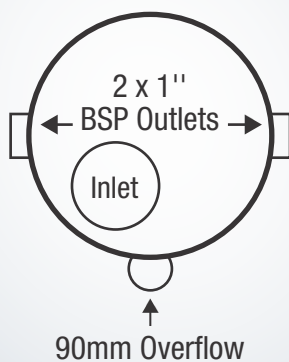


## UNDERDECK WATER TANKS

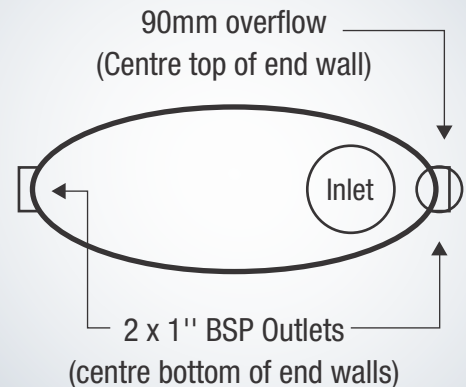
UDWT2000 & UDWT2000S



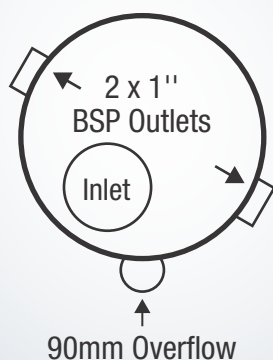
RWT1000S, RWT2500, RWT2500S, RWT5000



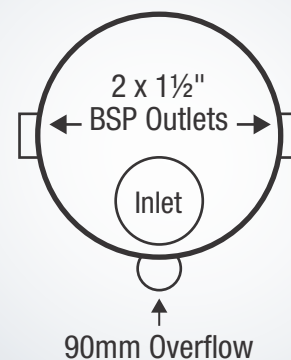
## SLIMLINE WATER TANKS



RWT3500, RWT7000



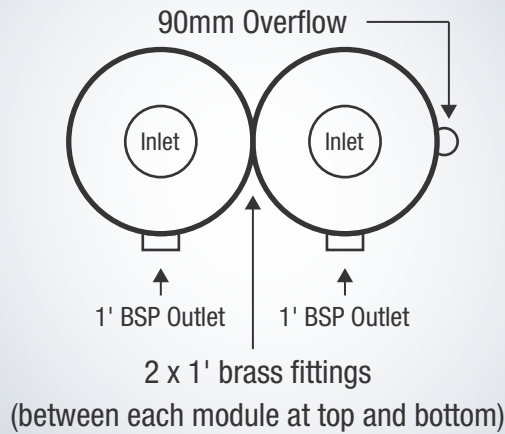
## RURAL WATER TANK



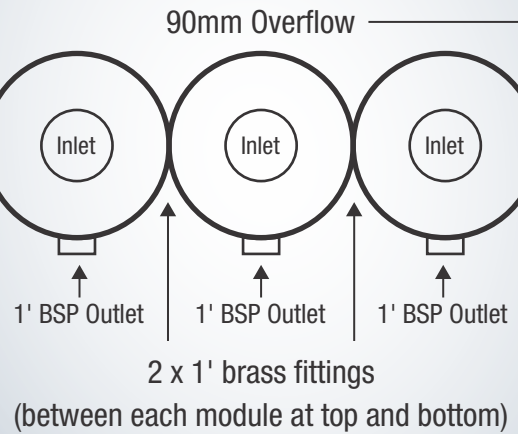


## MODULAR SLIMLINE WATER TANKS

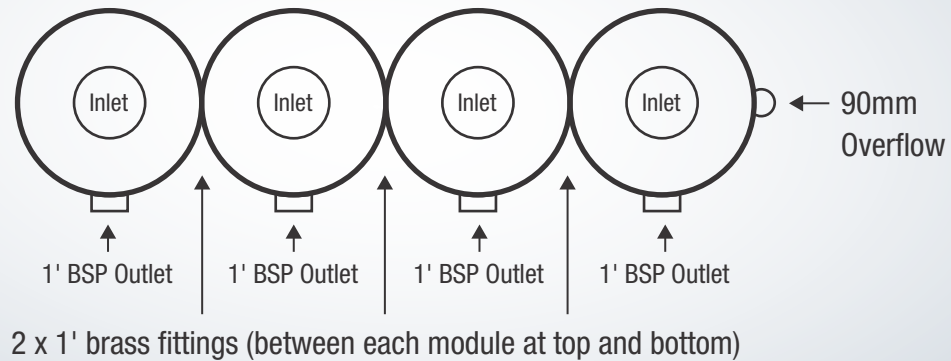
### 2 MODULE



### 3 MODULE



### 4 MODULE



### Additional fittings also available:

- Brass outlets
- Welded spigots
- Stub flanges



Need to make changes to the fitout of your tank?

**CALL US ON 1800 218 000**

to discuss your customised fitting requirements.

Visit our website or call us to obtain product specification sheets.  
<http://www.rotoplas.com.au/media/company-resources/>

# VERTICAL UNDERGROUND TANKS

*FEA Tested, and Designed to Meet and Exceed AS1546.1*

Rotoplas Vertical Underground Tanks are manufactured to the highest industry standards. The range has been Finite Element Analysis (FEA) tested by a qualified engineer and designed to meet and exceed the requirements of AS1546.1. These tanks are fully tested to 5kn top load and to a minimum buckle load factor of 1.4.

Our range of Vertical Underground Tanks are widely used for sewage pump stations, lift stations, storm water pump systems and rainwater holding tanks. From small residential rainwater storage to large urban stormwater or sewage requirements, we have the answer. We also stock and supply Class B and Class D cast iron lids and poly pedestrian lids to suit these tanks.







TANKS	Code	Capacity (Litres)	Outer Diameter (mm)	Inner Diameter (mm)	Depth (mm)
	VUT250	250	730	630	875
	VUT700	700	1150	1050	1100
	VUT1200	1200	1150	1050	1660
	VUT3000	3000	1750	1650	2165
	VUT5000	5000	1925	1825	2500

LIDS	Code	Description	Length (mm)	Width (mm)
	UTL700X700	Polyethylene Pedestrian Duty Lid (suits 250L, 700L, 1200L)	700	700
	CIUTL600X600B	Cast Iron Lid Class B (suits 250L, 700L, 1200L)	600	600
	CIUTL600X600D	Cast Iron Lid Class D (suits 250L, 700L, 1200L)	600	600



## BENEFITS

- FEA tested by a qualified engineer and designed to meet and exceed the requirements of AS1546.1
- Manufactured from durable polyethylene material
- Suitable for handling sewage, stormwater and trade waste
- Available in black colour
- Large range of sizes; 250L capacity through 5000L capacity!

# PUMPS & ACCESSORIES

Visit our website for our full range of tank accessories, including Overflows, Ball Valves, Brass Outlets and more!

- Automatic mains/rainwater changeover device
- External and submersible ranges
- Trusted brands, WaterMark Certified
- 2-year warranty
- Efficient and easy to install



## RM4000

- Automatically checks for rainwater. If there is no rainwater, the mains water flows
- Watermarked dual check to prevent backflow or cross-contamination



## RM5000-C

- Stops flow of mains supply while there is rainwater in the tank
- Submersible



## PRJ052

- Reliable, efficient power-saving performance
- Automatic pressure controller giving consistent pressure supply
- Run-dry protection and thermal overload protection to protect the pump
- Special function on the pressure controller that automatically checks for water every 24 hours after a run dry event
- Certified for AS4020

Code	Description	Max Flow	Typical Applications
Rm4000	Rm4000 Rains to Main Controller with PRJ062 Pressure Pump	62L/min	Toilets, Laundry, Garden Taps
RM5000-C	Rm5000 Rains to Main Controller with RHS125 Submersible Pressure Pump	125L/min	Toilets, Laundry, House Supply
PRJ052	Jet Pump with Pressure Controller	55L/min	Laundry, Garden Taps

## PUMP COVER



- Manufactured from UV resistant material, providing full protection for your pump from the weather
- Available in the full colour range to match your tank and home

Code	Description	Length (mm)	Width (mm)	Height (mm)
PC	Pump Cover (specify colour)	700	400	540



# COLOUR OPTIONS

<b>Woodland Grey® (Slate Grey)</b>	
<b>Windspray® (Armour Grey)</b>	
<b>Ironstone® (Metal Grey)</b>	
<b>Basalt®</b>	
<b>Monument® (Charcoal)</b>	
<b>Night Sky®</b>	
<b>Terrain®</b>	
<b>Manor Red® (Heritage Red)</b>	
<b>Cottage Green® (Heritage Green)</b>	
<b>Pale Eucalypt® (Mist Green)</b>	
<b>Wilderness® (Rivergum)</b>	
<b>Mangrove®</b>	
<b>Evening Haze®</b>	
<b>Classic Cream™ (Smooth Cream)</b>	
<b>Wheat</b>	
<b>Beige</b>	
<b>Cove®</b>	
<b>Paperbark® (Merino)</b>	
<b>Gully®</b>	
<b>Jasper® (Autumn Brown)</b>	
<b>Deep Ocean® (Mountain Blue)</b>	
<b>Surfmist® (Off White)</b>	
<b>Dune® (Birch Grey)</b>	
<b>Shale Grey™ (Gull Grey)</b>	
<b>Wallaby®</b>	

Colorbond® and ® colour names are registered trademarks of Bluescope Steel Ltd. ™ colour names are trademarks of Bluescope Steel Ltd. Colours may not be completely accurate due to printing. Rotoplas P/L accepts no responsibility for shade variations due to the printing process and supplier tolerances.

# FREIGHT DETAILS

At Rotoplas, we like to make it convenient for our customers. We are committed to delivering your requirements on time, every time, at the lowest possible cost to you.

Where possible, we ensure that you are called before delivery, and provided with a delivery time frame. We also provide your phone number to our delivery drivers so they can call you on the day of delivery and keep you updated.

Our rainwater tanks are delivered FREE within the Newcastle, Sydney, Illawarra, South Coast, Canberra and Southern Highland regions\*. All other areas require a freight quote.

## Requirements for onsite tank deliveries:

- Please ensure there is sufficient access for our delivery truck. We need clear access for a truck and trailer combination which is 19 metres long, 2.8 metres wide and 4.6 metres high, unless otherwise specified. If this is not provided or is impossible, the driver will leave the tanks at the closest possible place.
- For unloading, moving and positioning your tank/s, please ensure you have at least one other able bodied person on site to assist. Please note, our drivers are responsible for the delivery only, they do not plumb or install tanks!
- If unable to be installed straight away, we require the owner or someone acting on their behalf to store the tank securely to prevent it from rolling or blowing away.

\*Subject to change without prior notice. Some areas may be excluded.





## INSTALLATION INSTRUCTIONS

### ABOVE GROUND Rainwater Tank Installation

In order to ensure your tank is safe and stable, please follow the below installation instructions when installing your Rotoplas rainwater tank.

- The tank site must be flat and level, the area well compacted and free from any rocks, stones and sharp objects.
- Ensure that the prepared site is at least 600mm larger in diameter than the rainwater tank.
- A reinforced concrete slab is the ideal tank pad and must be greater than the diameter than the rainwater tank.
- If a material other than concrete is used, a retaining wall or surround must be provided to prevent erosion.
- The overflow must be piped well clear of the tank to avoid undermining of the tank base.
- Ensure that a flexible hose of at least 300mm is installed after the outlet valve to absorb any shocks or movement.
- Modular tanks must be installed on a reinforced concrete slab.

### UNDERGROUND Installation Instructions

When installing your underground tank, whether it be for sewage or water storage, you must read and follow our installation instructions.

These instructions should be used in conjunction with advice from a certified civil engineer depending on individual site conditions. Rotoplas underground tanks have been independently tested using a simulated engineering analysis (Finite Element Analysis). It is important to follow installation instructions carefully as incorrect installation will void all warranty.

Rotoplas Underground Tank Installation Instructions are available for download on our website at:



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