# 4 <br> Bushmans* SAVING AUSTRALIA'S WATER * 

Product Range


## OzPoly Water Tanks

Why OzPoly? Because we're a local company that understands what other locals need. We've been operating out of our manufacturing plant in Innisfail since 1983, so we know what the local elements - and the local livestock can dish out. As a result, our products are just built smarter. All our poly products are UV stabilised, our tanks are pleasing on the eye, and strongest where the water pressure is greatest (and have the warranty to match). Our troughs and ute tanks are tough, durable and easy to use. And, of course, all our accessories are quality too. But the biggest reason to choose OzPoly is simply because you'll get the product you need. A proven product that will get the job done. Simple.

## Our Difference

Tanks have been our business since 1983. And if we've learned one thing since then, it's that making things easy for you, ultimately makes things easy for us. Because we plan and quality control things properly, we get the job done quicker, with fewer hassles and a much shorter lead time. When we treat you professionally, deliver the results you're after, and actually follow up, you keep coming back. And when we customise to your requirements, we don't waste time trying to force a square peg into a round hole. We know what Australians need - and we care about delivering it, we know how tough Australian conditions are, and that our entire range of rainwater tanks can withstand those conditions.

## Tank Construction

The walls of our tanks are tapered from top to bottom to provide extra strength where the water pressure is the greatest. Sufficient room is available.


OzPoly moulds are designed and built to separate at the top. The part line on the product is always in the least stressed area.


## Features

OzPoly rainwater tanks are built in Australia, for Australian conditions. They're built tough, they're built to exceed Australian standards, and they're built intelligently. Because once your water tank's installed, you don't want to have to think about it at all. Our tanks just do what they're supposed to do. So you can too.

- $550-47,300$ litre capacity.
- All tank roofs are self supporting, so no need for a centre support pole (and no OH\&S issues with confined space \& entry, etc.).
- Large Tanks feature a UV cover under leaf strainer to block sunlight that causes algae growth.
- Polyethylene material complies with Australian standard AS2070 (food grade) and AS4O20 (drinking water).
- UV stabilised to withstand Australia's harsh sun.
- Corrugated and Smooth styles available.
- Maximum shot weight of plastic material to guarantee ample wall thickness.
- Walls are thicker at the bottom for maximum strength where the water pressure is greatest.
- OzPoly tank moulds are designed and built to separate at the top ensuring part line is positioned in the least stressed area.
- All tanks come with a ball valve (depending on tank size) and overflows.
- Tanks are tested using in-house facilities that include ultrasonic thickness measurements and impact testing.
- Predicted 25 yr lifespan (Finite Element Analysis - FEA).


## Moving And Positioning Tanks

Tanks can be quite awkward things to move, so make sure you have enough people on hand to do the job properly. Please note: our Customer Care team members don't install or plumb tanks. For more information about our unloading requirements, please call us on (07) 4061

| Tank Size | No. of People Required |
| :--- | :--- |
| $2000 \mathrm{~g} \& 3000 \mathrm{~g}$ | 2 people + driver |
| 5000 g | 3 people + driver |
| 6000 g | 4 people + driver |

## 4544.

Round Tanks | Installation

1. On a flat level site, build a well compacted 75 mm sand base, with diameter 500 mm larger than the tank's base, and a retaining beam to prevent erosion.
2. Install a flexible suction hose, at least 300 mm long, after the ball valve, to reduce stress on the tank wall. IMPORTANT: Poly pipe is NOT suitable as it is too rigid.
3. Direct overflow away from the base, and ensure it has more capacity than the sum of the inlet pipes.
4. If you're fitting the tank to a tank stand, ensure the spacing of the hardwood decking is a maximum of 10 mm .

NOTE: If you don't follow these instructions when installing your tank, you will void your warranty.


## Customer Care Delivery

All larger tanks are delivered to site (some conditions apply with permit zones). Please make sure there's sufficient access for our trucks. They're approx 21 metres long, 3.5 metres wide and 5 metres in height. And they have a 20 metre turning circle. If there's not enough room, our Customer Care team members will choose another location to unload.



## RAINWATER TANKS

## Round Tanks | Rural

Our Round Rural water tanks are for the farmers, breeders, market-gardeners, nurseries and acreageowners amongst us. They're tailor-made to see you through the dry spells, even in the face of serious water consumption or irrigation requirements.

## Features

- Rigid single-piece construction, more resin for a thicker wall
- Large 400 mm leaf strainer in all larger tanks complete with Light Guard
- UV stabilised
- Compliant with Australian Standards
- Food-grade Polyethylene materials
- Can be connected to toilet and washing machine



47300L (10511gal)
OP10405 ROUND
Inlet Height 3.15 m
Diameter 4.58 m
Total Height 3.49 m

## Round Tank Tie-downs

When cyclone proofing your round tank, OzPoly makes it easy with our engineer designed tank tie-down system, this will give you peace of mind when high winds threaten your area. The galvanized dipped brackets used to secure the tank to the concrete slab ensure a longer life span in our harsh Australian conditions.


## Round Tanks I Urban

If you have a big yard, expansive gardens or a pool (or your kids just love the sprinkler!), a Round tank might be the most appropriate solution. They look great, they're surprisingly compact, and they're available in a wide range of sizes and colours. So you're sure to find one that blends in perfectly.

## Features

- Single-piece construction using more resin for a thicker wall
- Compliant with Australian Standards
- Food-grade Polyethylene materials
- Can be connected to toilet and washing machine



## Slimline Tanks

These tanks are perfect for suburban homes that have limited space. The short length of these tanks is ideal to fit between windows. One or two of these tanks can provide enough water for the garden and/or to wash the car.


## Childrens Wading Pool

Cool off from the summer heat in one of our Children's Wading Pools. Manufactured from polyethylene in a range of colours, our pools have an outstanding durability.


## Tank Colours

The days of the ugly old rainwater tank are long gone. With 13 fashionable - yet subtle - standard colours available, your OzPoly tank will go nicely, wherever you decide to put it. Colours shown are a guide only, for true colour representation, contact your OzPoly representative. Other colours are also available on request.



## Open Top Tanks / Tubs



1100L (244gal) LRC242 CONICAL LARVAL TANK

| Base Diameter | 1.35 m |
| :--- | :--- |
| Top Diameter | 1.65 m |
| Height | 0.91 m |



2000L (444gal) OPOT444 OPEN TOP TANK
Base Diameter 1.41 m
Top Diameter 1.80 m
Height $\quad 1.16 \mathrm{~m}$

Also ask about our range of tubs, bins and fish transporters. Tanks are able to be stacked for ease of transportation. Wide choice of colours and fittings available.

## Industrial Custom Liquid Feed \& Fertilizer Tanks

Naturally, we can manufacture and fit out your tank to your exact specifications, including the fabrication of various fittings, from extension flanges, backing plates and full face flanges, to threaded fittings, sight glasses and float level assemblies. What's more, every tank is delivered complete with a Hydrostatic and Fabrication Inspection report.


## AGRICULTURE

## Poly Troughs, Ute Tanks \& Tractor Canopys

Strong, easy to fill, easy to empty, easy to clean and easy to transport. There's no better way to describe an OzPoly poly trough. Available in sizes from 200 litres all the way up to 1000 litres, they're light, but have a square lip for extra strength. The round 500 and 750 litre troughs contain moulded anti-slip treads. The 400 litre cartage tank was designed for a $6 \times 4$ trailer leaving 2 ft of trailer spare for a pump, and to keep the low centre of gravity. Ute Tanks available in Natural and Black.


## Stackable Tanks

When freight space is at a premium, stackable Rain Water Tanks are your very best friend. Our Stackable range are designed to have their lids removed and stacked inside one another and are palletised for economical transportation.

Features

- 1000L, 2000L, 5000 L \& 10000L capacity
- Full range of colours available
- 10 year pro rata warranty
- Multiples can be stacked to minimise freight
- UV stabilised



## OZPOLY <br> 10 YEAR guarantee

All OzPoly tanks are guaranteed against faulty workmanship and manufacturing defects - They come with a 10 year pro rata warranty. We can offer such a great warranty because we know our products are built to last. They're built using the finest grade polyethylene, formulated to withstand Australia's harsh sun, and they're built smart, so they can withstand the stress of day to day use.


## Aqualine

## Steel Water Tanks

Aqualine water tanks is Bushmans range of large steel liner tanks, designed and made for Australian conditions. The key features of the Aqualine galvanised and Colorbond ${ }^{\circledR}$ steel tank range is that it is an on-site constructed tank with galvanised or Colorbond ${ }^{\circledR}$ steel walls and galvanised roof trusses with a poly liner to hold the water. This solution offers the best of both worlds when it comes to tanks.

## Why Steel Liner Tanks

If you are looking to store over 20,000 litres of water our premium range of Aqualine steel liner tank will do the job. There are many applications for our steel water tanks, there are also many people who can benefit from their usage. Rural properties can utilise our metal water tanks for house, garden and farm shed rainwater harvesting. Hobby farmers can use large water tanks within their reticulated stock watering systems to bolster the amount of water they are able to source from. Commercial and government organisations such as schools, universities, local governments, commercial buildings and industrial customers can also gain benefits from the use of Aqualine tanks in their organization.

## Rural and Commercial Firefighting Tanks

Designed and manufactured to meet Australian firefighting standards (AS2304).

## TANK FEATURES \& BENEFITS:

-Aqualine steel liner tank capacities range from $20,000 \mathrm{~L}$ through to $360,000 \mathrm{~L}$ - there is a size that will suit all applications
-Large water volumes means the cost per litre of storage can be lower
-They are erected on-site, so a large tank can be installed in places with limited access, including indoors
$\cdot 0.90 \mathrm{~mm}$ thick Bluescope galvanised or Colorbond ${ }^{\circledR}$ walls
$\cdot 1.15 \mathrm{~mm}$ thick Bluescope galvanised or Colorbond ${ }^{\circledR}$ bottom sheet of ASL150 and up

- 2 panel wall design for less seams
- Heavy duty circumference top support ring
- $40 \times 40 \mathrm{~mm}$ roof trusses for ASL20 to ASL80
- $50 \times 50 \mathrm{~mm}$ roof trusses for ASL100 and up Roof trusses are hot dipped galvanised providing long term rust protection
- Aqualine's unique wall corrugation design for strength and support
- Galvanised or Colorbond ${ }^{\circledR}$ bolt cover
- Walls are bolted together with hi-tensile bolts providing excellent strength
- 100 mm overflow
- 50 mm outlet and ball valve
- Strainer and light guard
- High quality tank liner made to withstand Australia's harsh conditions
- External removable ladder is standard
- Our galvanised and Colorbond ${ }^{\oplus}$ steel tanks do not need to use sacrificial anodes to reduce corrosion and maintain your warranty. No need for 5 yearly anode replacement.


## Tank Colours

Bushmans offer a range of colours for the Aqualine tanks which will suit the most common colours used on buildings and fences.

Our most popular colours shown below are a guide only, for true colour representation, contact your Bushmans representative.

*Additional Colorbond ${ }^{\circledR}$ colours are available on request.

## Aqualine Poly Liner Tanks

The Aqualine Polytough ${ }^{\circledR}$ tank liner is strong and is manufactured to the highest standards which ensures it holds water over the long term. Polytough ${ }^{\circledR}$ tank liners come in a range of materials including reinforced polypropylene, PVC, reinforced PVC and polyethylene.

## Accessories

There is a range of accessories that can go with your Aqualine water tank:

- Up to 250 mm outlet and overflow fittings for increased volume.
- Fire fighting fittings including Stortz fittings suited to the local fire authority.
- Leaf and debris catchment filter two piece with sunguard. Internal hot dipped galvanised ladder and
- bracket which can be removed for safety.
- Additional 50 mm outlets and chrome plated ball valves.
- Rainsaver roof water collection system.
- Presstite dust and vermin protection. Presstite is a flexible polyurethane foam sealing strip.
- Water level indicators.
- Additionally Aqualine can supply pumps, filters and other associated products.
- Geo textile base to protect the liner from direct contact with the ground or slab.


## Customer Responsibility

APPROVALS \& LICENCES All council and other regulatory approvals must be obtained prior to tank construction.

CONFIRMATION OF SITE PREPARATION The customer is to advise in writing via email or fax at least 5 days prior to the install date that the site has been prepared in accordance to the Aqualine specifications. The customer should also email photos of the site to Aqualine showing the site and the size of particles in the tank base material.

SITE ACCESS Customer must provide clear access to the site for a 10 m truck to be parked next to the tank location. If the installation is within a construction site, then access will need to be organised with the site supervisor. If there are site access issues, then you need to contact Aqualine Tanks to arrange any specific requirements.

PREREQUISITES \& INSTALL It is the customer's responsibility that all the instructions and conditions pertaining to the site and pad preparation are met prior to the install date. Ideally the pad preparation should be completed at least a week prior to the install and construction date.

WIND RATING The tank design and install instructions are based on the Category B wind rating zone. If the tank is to be installed in a Category C wind zone (North QLD) then talk to our team to find out more.

ONGOING MAINTENANCE It is important that the tank and the base be maintained to ensure the integrity of the base, along with the tank structure and liner.

WATER QUALITY The standard Aqualine tank liner is designed for rain, bore, creek and river water. If the water has chlorine at greater than 2 ppm or the water is from an RO plan then a specialist lining will be required. Failure to follow this guideline will void the liner warranty.

WARRANTY The Aqualine steel construction components come with a 10 year tank pro-rata maximum corrosion warranty. Once the tank construction and installation has been completed, the installation completion form has been signed off, the warranty will then commence. Failure to follow the base preparation guide and the post install guidelines will void your warranty.

CANCELLATION Cancellation of the tank order may result in the forfeiture of your full deposit or part thereof. If you are unclear on any of the information covered in this document, contact Aqualine on 1800008888 or email sales@aqualinetanks.com.au


## 150000L

ASL150
Wall (H) 2.22 m
Wall Diameter 9.48 m
Base Diameter 11.48 m Base Material $17.07 \mathrm{~m}^{3}$
60000L
ASL60

| 80000L |  | 100000L |  |
| :--- | :--- | :--- | :--- |
| ASL80 |  | ASL100 |  |
| Wall (H) | 2.22 m | Wall (H) |  |
| Wall Diameter | 6.90 m | Wall Diameter | 7.76 m |
| Base Diameter | 8.90 m | Base Diameter | 9.76 m |
| Base Material | $10.25 \mathrm{~m}^{3}$ | Base Material | $12.33 \mathrm{~m}^{3}$ |



| 125000L |  |
| :--- | :--- |
| ASL125 |  |
| Wall (H) | 2.22 m |
| Wall Diameter | 8.62 m |
| Base Diameter | 10.62 m |
| Base Material | $14.60 \mathrm{~m}^{3}$ |




Base Materal 12.33 n


210000L
ASL210
Wall (H) $\quad 2.22 \mathrm{~m}$
Wall Diameter 11.20m
Base Diameter 13.20 m
Base Material $\quad 22.58 \mathrm{~m}^{3}$

245000L
ASL245

Wall Diameter 12.06 m
Base Diameter 14.06 m
Base Material $\quad 25.63 \mathrm{~m}^{3}$

180000L
ASL180
Wall (H) $\quad 2.22 \mathrm{~m}$
Wall Diameter 10.34 m
Base Diameter 12.34 m
Base Material $19.73 \mathrm{~m}^{3}$


320000L
ASL320

| Wall (H) | 2.22 m |
| :--- | :--- |
| Wall Diameter | 13.78 m |
| Base Diameter | 15.78 m |
| Base Material | $32.29 \mathrm{~m}^{3}$ |

360000L
ASL360
Wall (H) $\quad 2.22 \mathrm{~m}$
Wall Diameter 14.64 m
Base Diameter 16.64 m
Base Material $\quad 35.91 \mathrm{~m}^{3}$

## Installation

## Prep \& Completion Requirements

Aqualine tanks are designed for installation on a flat level surface that is able to withstand the weight of a full water tank. To do this the site must be prepared correctly. The correct preparation of your site will ensure that the tank will be trouble free for many years. There are three types of bases for Aqualine Tanks, these being free draining sand, a crusher dust base or a concrete pad base.

NB: If the pad is not prepared properly and the install team arrive and have to wait or come back, the customer will be responsible for any expenses including but not limited to travel, accommodation and wages incurred by Aqualine.

## Concrete Base

The concrete slab must be designed to carry the weight of the tank filled with water. Aqualine can provide specific slab diagrams for basic installations. For more complex installations an engineer may be required.

## Sand Or Crusher Dust Base

1. Preparing the Sand or Crusher Dust Pad:

- The sand or crusher dust pad must have a diameter which is more than 2 metres wider than the tank diameter.
- The preferred base material should be free draining and must be free
- If crusher dust is used it must have particle sizes of less than 5 mm and the tank base must have a Geotextile covering to protect the liner.
- The pad must be stable prior to construction
- The fill must be a minimum depth of 150 mm and compacted to a minimum capacity of 50 kPa .

2. It is important that the pad is $100 \%$ level.
3. For a tank base cut into a sloping site, make sure there is adequate drainage to direct water away from the pad.
4. A retaining wall may be required on sloping sites.

NB: The cubic metres of base material is for a flat site with a minimum of 150 mm . Base preparation guidelines are designed for stable soils. Customers should consult their engineer on specific base and slab specifications. Tanks located in cyclonic regions will require a concrete ring beam.

| Code | base material |  | Code | base material |
| :--- | :---: | :--- | :--- | :--- |
| ASL20 | $3.85 \mathrm{~m}^{3}$ |  | ASL150 | $17.07 \mathrm{~m}^{3}$ |
| ASL30 | $5.16 \mathrm{~m}^{3}$ | ASL180 | $19.73 \mathrm{~m}^{3}$ |  |
| ASL45 | $6.66 \mathrm{~m}^{3}$ |  | ASL210 | $22.58 \mathrm{~m}^{3}$ |
| ASL60 | $8.36 \mathrm{~m}^{3}$ | ASL245 | $25.63 \mathrm{~m}^{3}$ |  |
| ASL80 | $10.25 \mathrm{~m}^{3}$ | ASL280 | $28.86 \mathrm{~m}^{3}$ |  |
| ASL100 | $12.33 \mathrm{~m}^{3}$ | ASL320 | $32.29 \mathrm{~m}^{3}$ |  |
| ASL125 | $14.60 \mathrm{~m}^{3}$ | ASL360 | $35.91 \mathrm{~m}^{3}$ |  |

## Day Of Installation

- If the fitting and strainer locations have not been specified, then someone will need to be on-site to instruct the installers on the required locations, this must be finalised prior to truss installation.
- Once the installation has been completed the tank must have 300 mm of water supplied by the customer to secure and set the liner. This must
happen on the day of installation. If water is not added on the day this can void the warranty.
- A 75 mm high by 400 mm wide layer of blue metal or aggregate must be placed around the circumference of the tank to prevent erosion when water runs off the roof. If no blue metal or aggregate is placed the warranty will be voided.
- Inspection hatches should be locked to prevent unauthorised entry (customer to provide lock).


DELIVERY All larger tanks are delivered to site (some conditions apply with permit zones). Please note: our Customer Care team members don't install or plumb tanks. For more information about our unloading requirements, please call us on (07) 40614544.


GUARANTEE All OzPoly tanks are guaranteed against faulty workmanship and manufacturing defects - Poly and Steel Water Tanks come with a 10 year pro rata warranty. We can offer such a great warranty because we know our products are built to last. They're built using the finest grade polyethylene, formulated to withstand Australia's harsh sun, and they're built smart, so they can withstand the stress of day to day use. OzPoly Fertiliser and Molasses Tanks come with a 5 year pro rata warranty and OzPoly Troughs, Cups and Saucers come with a 1 year pro rata warranty

1OYR GUARANTEE
Poly \& Steel Water Tanks

5YR GUARANTEE
Fertiliser \& Molasses Tanks

1YR GUARANTEE
Troughs, Cups \& Saucers

OzPoly water products is a brand of Bushmans Tanks, for the full range of products go online. If you'd like to discuss your tank requirements, give us a call. Someone who specialises in tanks, and is happy to take the time to offer advice and guidance. Please call us on (07) 40614544.


Scan to visit our website

## Free call 1800008888 or call (07) 40614544 Lot 320, Clifford Road, Innisfail Qld 4860

