

Built Onsite Liner Tanks



Why use our tanks?

The Aquamate Maxitank range is the solution to large capacity water storage. We can customise all aspects of your installation including dimensions of the tank and size/position of the pipework for commercial applications or rural water supply. Constructed in Australia using corrugated steel panels with heavy duty Z450 galvanising, these tanks have the required strength to endure Australia's harshest conditions. These tanks have an internal food grade liner and boast a 20-year no-leaks warranty.

What is included?

- 50mm outlet and valve
- 90mm overflow
- 400mm inlet basket
- Access ladder and roof hatch

Optional extras

- CFA kits
- Level indicators
- Rainsaver roof gutter system
- Dust and Vermin protection
- Bolt cover fascias
- Roof fascia
- Fire hydrant system kits
- Custom pipework connections

Standard Sizes:

| LITRES | GALLONS | MODEL | DIAMETER | WALL HEIGHT |
|---------|---------|---------|----------|-------------|
| 23,900 | 5,200 | AM3G052 | 3.7 | 2.2 |
| 34,400 | 7,600 | AM3G076 | 4.5 | 2.2 |
| 46,800 | 10,300 | AM3G103 | 5.2 | 2.2 |
| 61,100 | 13,400 | AM3G134 | 5.9 | 2.2 |
| 77,300 | 17,000 | AM3G170 | 6.7 | 2.2 |
| 95,500 | 21,000 | AM3G210 | 7.4 | 2.2 |
| 115,500 | 25,400 | AM3G254 | 8.2 | 2.2 |
| 137,400 | 30,200 | AM3G302 | 8.9 | 2.2 |
| 161,300 | 35,500 | AM3G355 | 9.7 | 2.2 |
| 187,100 | 41,100 | AM3G411 | 10.4 | 2.2 |
| 214,700 | 47,200 | AM3G472 | 11.1 | 2.2 |
| 244,300 | 53,700 | AM3G537 | 11.9 | 2.2 |
| 275,800 | 60,700 | AM3G607 | 12.6 | 2.2 |



Taller models are available, contact us for further information and pricing

Why use our tanks?

Many tank manufacturers claim that Zinalume steel will outlast Galvanised materials. Simply put, this is not true. When a tank fills, the liner is pressed against the wall causing condensation to be trapped between the liner and the tank. The corrosion to Zinalume steel is inevitable due to the moist conditions and lack of oxygen, which Zinalume steel requires to form its stable oxide films that would normally prevent further corrosion. For example, Zinalume steel roofing & wall cladding on a shed will outperform Galvanised steel because the steel is able to "breathe" (form its stable oxide films). However, if the Zinalume steel wall cladding comes in contact with the ground, rapid corrosion occurs due to ground moisture and lack of oxygen. That is why shed manufacturers use only galvanised steel for the posts which will be buried.

The overriding reason why some companies promote Zinalume steel in this application is that, on average Galvanised coated steel costs 33% more than Zinalume steel. This is because the Galvanised material that Aquamate supplies has a minimum Zinc coating of 450grams/sqm whilst Zinalume steel only has a minimum Zinc/Aluminium coating of 150grams/sqm. That's three times the coating mass of Zinalume steel! Another reason is because they can offer a wider range of colours as the AZ150 is a more accessible and readily available product.

These are our 4 standard colours, other Colorbond colours can be powder coated.



MONUMENT®



PAPERBARK®



WOODLAND GREY®



PALE EUCALYPT®



Genuine BlueScope
Colorbond Steel



30 years of experience



Rural, residential,
commercial or industrial
applications



Certified to Australian
Standards



20 year 'no-leaks'
warranty for municipal
or natural water
applications

Solid Liner:

The Enviroliner 6000HD Aquamate uses in their tanks is an geomembrane that combines the properties of flexible polyolefin and High Density Polyethylene (HDPE). In addition to its outstanding toughness and lifetime, the Aquamate EnviroLiner has many other important characteristics that make it ideally suitable for water tank applications:

- **Food Grade:** The Enviroliner 6000HD meets all Government requirements for contact with drinking water both here in Australia (AS/NZS 4020:2005) & overseas. Many other products leach their plasticiser over time causing the water to be contaminated.
- **1500% Elongation at Break:** The ability to stretch 1500% before breaking ensures the Enviroliner can easily cope with moulding itself to the contours on the ground and the tank wall.
- **Fatigue resistance:** Other companies promote reinforced liners in their tanks. These can be more accurately described as plastic coated fabrics which are usually much cheaper than a solid liner because 80% of their thickness is made up of inexpensive woven fabric which serves no purpose in retaining water. The problem is that fibres are susceptible to what is known as fatigue fracturing. Much like a wire coat hanger, if it is bent back and forth enough times it will break. A liner inside a tank can fold on itself hundreds of times as the tank fills, then unfold as the tank empties. In addition, not having a plasticiser to leach out means that the Enviroliner will never become brittle ensuring it retains its flexibility indefinitely.

More details on our range at waterline.com.au

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