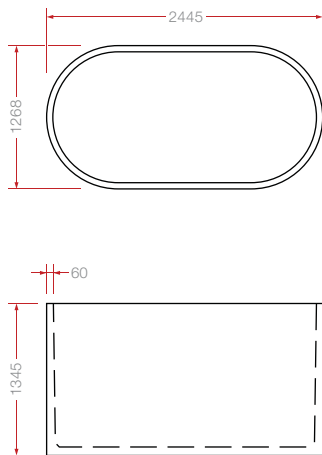




3000L Specifications



The 3000L CWT collection well is manufactured using steel fibre reinforcing technology which enables more efficient manufacturing, three-dimensional reinforcement performance and thinner wall sections resulting in reduced product mass.

The 3000L model has application as a structural water storage vessel and a waste collection well. It is compliant with Australian Standard AS1546, NSW Health and NT Health Accredited, and an SAI Global Quality Assured Product.

Specifications

Volume: 3,000 Litres

Weight: 1800kg

Dimensions: L:2445mm W:1268mm H:1345mm

Top Load Rating: 500 Kg

Side Load Rating: 5.05 & 10.3 Kn empty
8.95 & 18.2 Kn water filled

Reinforcement Style: Fibercon Reinforcement fibre

Concrete: 40MPa

Quality Procedures

Concrete Batch Testing

As per AS1012.31 and AS 1012.8.1, three test cylinder samples are taken at each pour. At month's end, three random samples are sent to a NATA Registered Laboratory and tested for minimum strength of 32MPa at 28 days.

Top Load Testing

Testing of all tanks in dedicated rig as per AS1546 to 510Kg.

Side Load Testing

Testing of all tanks in dedicated rig as per AS1546 to the following loads.

- Tank empty – Load applied to straight edges of tank – 10.3kN
- Tank empty – Load applied to circular ends of tank – 5.05kN
- Tank filled with water – Load applied to straight edges of tank – 18.2kN
- Tank filled with water – Load applied to circular ends of tank – 8.95kN

Please contact us for full load rating information.

Water Tightness Testing

All collection wells remain in examination bed full of water for 28 days to ensure full cure and no leakage.

