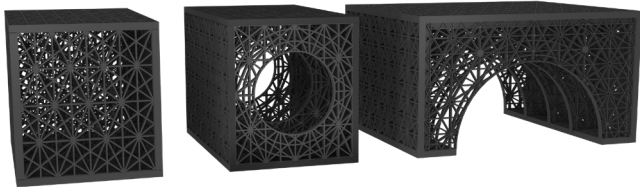


Underground Tanks

For underground Infiltration, Detention, Rainwater Harvesting & Channel applications...



Flo-Tank® Flo-Channel® Flo-Arch®

The Atlantis tank system provides underground water storage of unlimited capacity and can be installed in various volumes, shapes and depths to meet specific project requirements.

The entire project location can be used as a catchment area including stormwater, landscape and roof areas providing the water storage capacity to meet your requirements.

Suitable for both residential and commercial installation projects, the Atlantis tank system maximizes land usage and minimizes stormwater runoff.

Atlantis tank systems provide unlimited storage and flexible design to meet your water requirements.

The Atlantis tank systems are suitable for the following applications;

Benefits

Quick Installation

- Reduce site access delays.

Lightweight

- No cranes or lifting equipment required.

Modular

- Easily create any shape and size to suit site requirements.

Maintenance Free Tank

- All debris and sediment is removed by pre-filtration.

Determinate Volume

- One cubic metre of Flo-Tank® Modules contain 950 litres of water.

Cost Effective

- Reduces excavation and disposal by two thirds compared with conventional soak wells.
- Cost effective compared to concrete and other systems

High Infiltration

- 95% void surface area

Easily Transportable

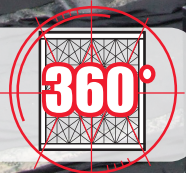
- Can be supplied unassembled for delivery to remote areas.

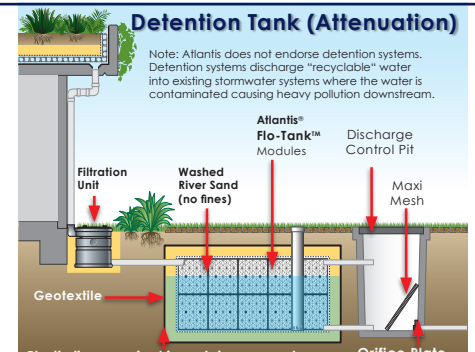
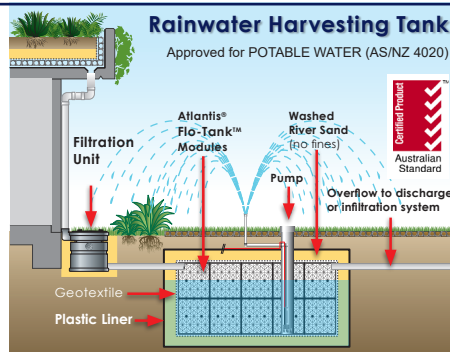
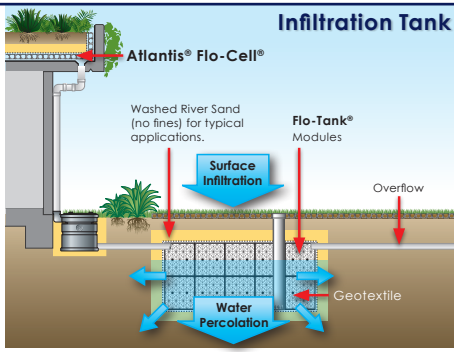


Applications

- Infiltration Tanks
- Stormwater Harvesting
- Re-Use Tanks
- Detention Tanks (Attenuation)
- Channels
- Soak Wells
- Leach Drains
- Drainage Channels

ATLANTIS FLO-TANK® COMPONENTS ARE DESIGNED TO UNIFORMLY DISTRIBUTE LOADS FROM PRACTICALLY ALL ANGLES.





INFILTRATION TANK

The infiltration tank system is the ideal way to manage stormwater runoff in permeable or semi-permeable soil conditions.

How It Works!

The system is designed to capture surface water through infiltration, and then clean and filter the water before it is allowed to recharge the water table providing moisture for surrounding vegetation. The Atlantis® Filtration Unit also captures and cleans roof water before entry into the storage area (Flo-Vault® Modules).

Applications: New developments required to meet water sensitive urban design standards.

RAINWATER HARVESTING (RE-USE TANK)

The Atlantis® Re-use System has proven effective in providing a regular clean water supply for domestic and commercial applications.

How It Works!

The system captures water from both landscaped areas and from roof areas which are filtered through an Atlantis® Filtration Unit. Clean water is retained within the storage area away from harmful U.V. light and heat remaining cool underground readily available for re-use.

Applications: Typical applications include flushing toilets, in washing machines, watering gardens and washing cars.

DETENTION TANK (ATTENUATION)

The Atlantis® Detention System is a cost effective solution that can also address water quality. The system offers flexible design options, saving installation time and delays to site access.

How It Works!

Water captured from roof and paved areas are filtered through an Atlantis® Filtration Unit before entering the storage area (Flo-Vault® Tank Modules). Water is then slowly released through the discharge control unit (DCU).

Applications: Developments that need to meet Local Council Stormwater requirements.

Flo-Tank® modular tank

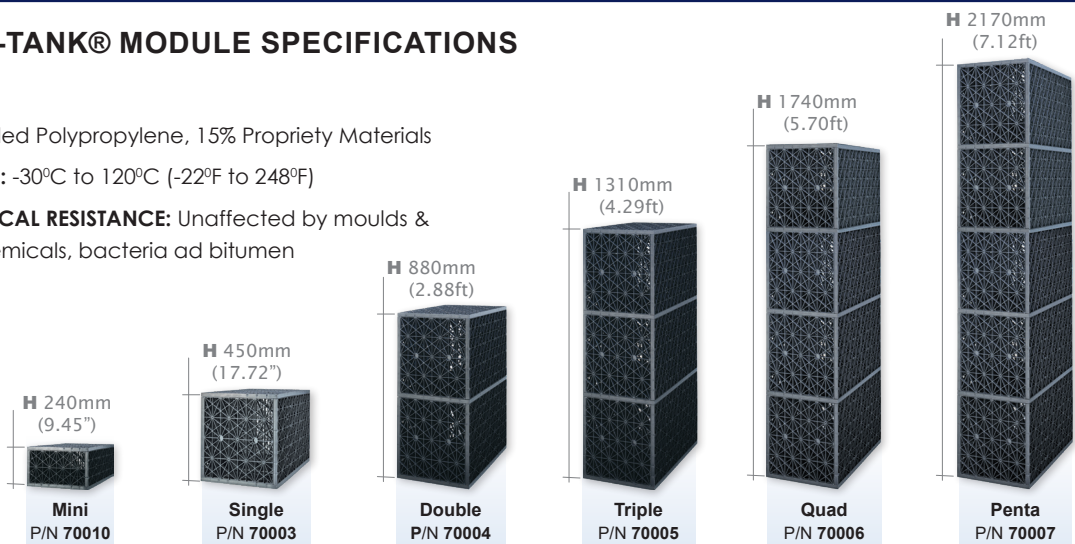
ATLANTIS FLO-TANK® MODULE SPECIFICATIONS

VOID RATIO: 95% Void

MATERIAL: 85% Recycled Polypropylene, 15% Propriety Materials

SERVICE TEMPERATURE: -30°C to 120°C (-22°F to 248°F)

CHEMICAL & BIOLOGICAL RESISTANCE: Unaffected by moulds & algae soil-borne chemicals, bacteria and bitumen



	MINI	SINGLE	DOUBLE	TRIPLE	QUAD	PENTA
HEIGHT	240 mm	450 mm	880 mm	1310 mm	1740 mm	2170 mm
WIDTH	408 mm	408 mm	408 mm	408 mm	408 mm	408 mm
LENGTH	685 mm	685 mm	685 mm	685 mm	685 mm	685 mm
FOOTPRINT	0.2795 SQM	0.2795 SQM	0.2795 SQM	0.2795 SQM	0.2795 SQM	0.2795 SQM
WATER STORAGE	64.58 L	119.47 L	233.64 L	347.80 L	461.93 L	576.10 L

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or geofabrics.co.nz or call 0800 60 60 20 (NZ)



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