

Atlantis® Matrix® Tank System

Infiltration • Re-use • Detention • Rainwater Harvesting

The **Atlantis® Matrix®** Tank System uses surface and sub surface infiltration techniques to obtain high quality water that can be re-used or allowed to recharge ground water.

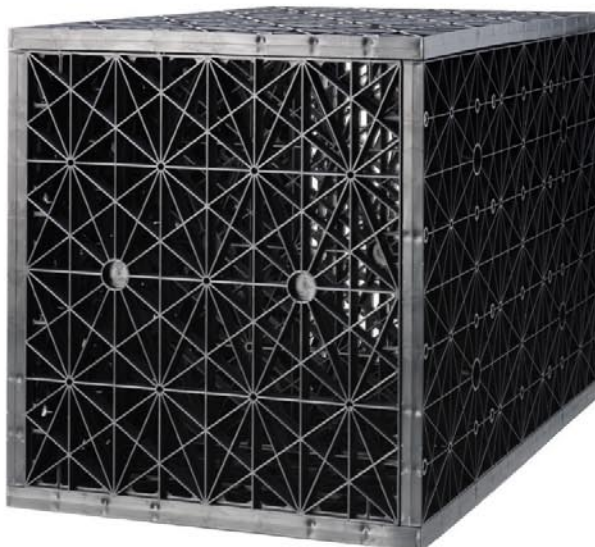
The modular **Atlantis® Matrix®** Tank offers a highly efficient option for all types of water management in any kind of soils.

Excellent Water Quality!

The **Atlantis® Matrix®** Tank System excels when there is a requirement to achieve high water quality, particularly in the effective removal of nutrients and gross pollutants. The system offers a unique solution where no utility based drainage system is available. In addition to the obvious environmental benefits the sub surface location of the tank system provides more useable space and an enhanced aesthetic setting compared to above ground concrete or plastic tank.

The **Atlantis® Matrix®** Tank System comprises of the followings products:

- **Atlantis®** Filtration Unit
- **Atlantis®** Geotextile
- **Atlantis® EcoSoil®**
- **Atlantis® Matrix®** Tank Modules



Atlantis® Matrix™ Tank Module



Installing the tank modules.



Laying the Geotextile.

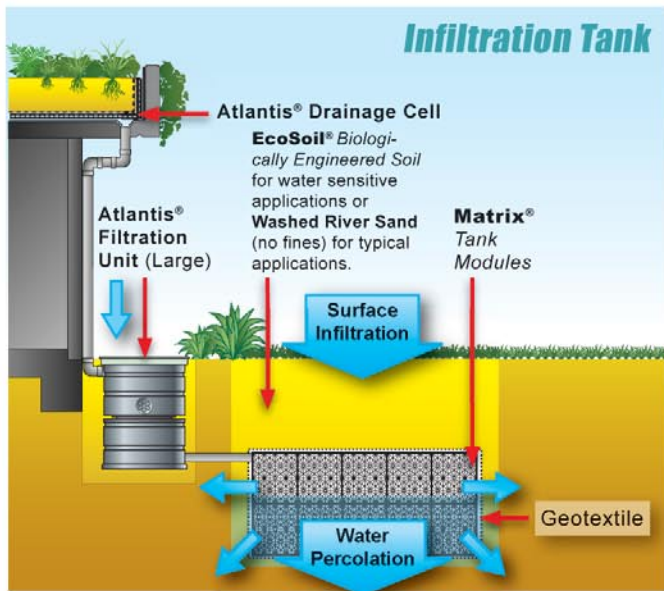


Wrapping the tank in Geotextile.



The completed tank covered with free draining material.



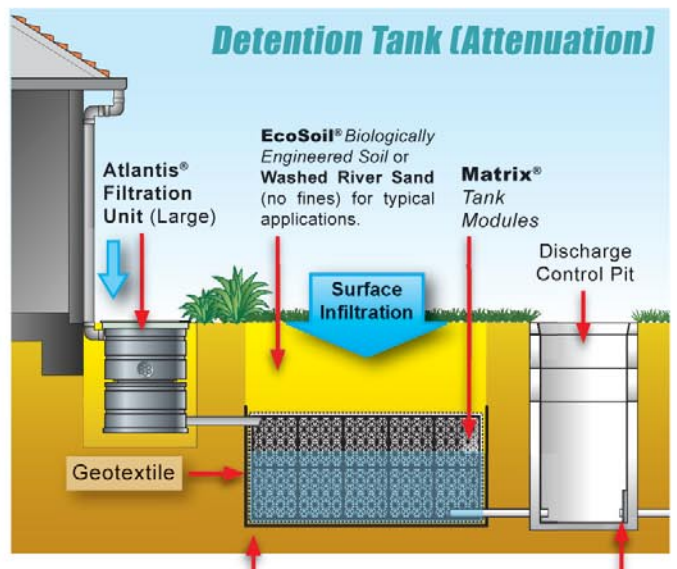
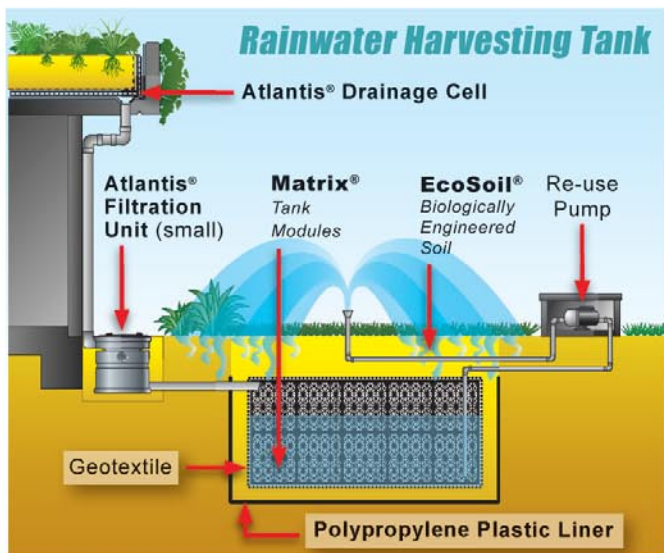


Typical infiltration arrangement using Atlantis Matrix® Tank System for water quality.

Infiltration is the recommended method of water management whenever:

- Site water quality is of paramount importance
- Control of nutrients and gross pollutants is required
- No formalized drainage is available
- Construction levels are below the level of street stormwater mains
- The tank is part of a landscape component of the water reticulation system.

Significant benefits are available when you use the superior holding capacity and surface area of an Atlantis Infiltration System. Please contact our office for further details.



Plastic liner required in certain areas only Orifice Plate

Part No.	Size in mm	Units per /m ³	Crush Strength		Flow Rate
			Matrix I	Matrix II	
70003	(L)685 x (H)450 x (W)408	8 boxes /m ³	11.1 t / m ²	26.8 t / m ²	2280 l /min
70004	(L)685 x (H)880 x (W)408	4.06 boxes /m ³	11.1 t / m ²	26.8 t / m ²	4560 l /min
70005	(L)685 x (H)1310 x (W)408	2.73 boxes /m ³	11.1 t / m ²	26.8 t / m ²	6840 l /min

(L) Length, (H) Height, (W) Width

Note: The Atlantis® Matrix® Tank Modules are manufactured from high quality recycled materials, carefully selected and under strict quality control procedures. The strength could vary slightly due to raw material, country of manufacture, manufacturing process and external conditions.

Safety Factors: Engineers, designers and geotechnical engineers should design and calculate safety factors to serviceable limited state to suit specific project. In case of doubt, consult your nearest distributor or Atlantis.

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Atlantis Water Management
 Rebirth Pty Ltd trading as Atlantis Water Management

Suite 401, 781 Pacific Highway Chatswood NSW, 2067 Australia
 Phone • + 61 2 9419 6000 Fax • 61 2 9419 6710
 Email • info@atlantiscorp.com.au Web Site • www.atlantiscorp.com.au

