



TER3

Packaged Tertiary Percolation Unit

Description:

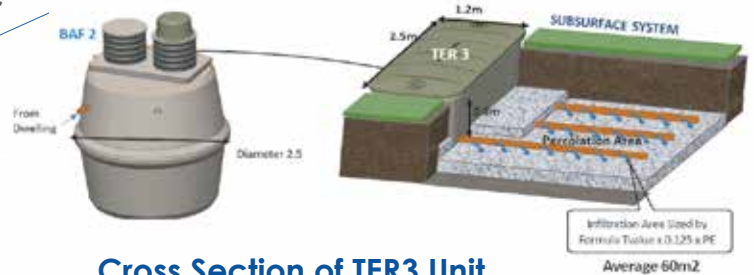
EuroTank TER3, is a CONCRETE Packaged Tertiary Treatment System which further treats effluent from a secondary treatment system. It is an allowed form of Tertiary Treatment, under Options in section 10.3 of the EPA Code of Practice. It is ideal for most sites including difficult sites with poor soakage and a high water table, sites in Environmentally Sensitive Areas and is especially suited to small sites due to its small footprint and low profile.

Raw sewage from the dwelling enters a wastewater treatment system where it is partially treated. Effluent then leaves this system and is pumped via a network of pipes over the surface of the TER3. It then trickles down through the various layers in the TER3 where it receives biological treatment before final discharge to the ground via a network of percolation pipes which sit on a layer of distribution stone.

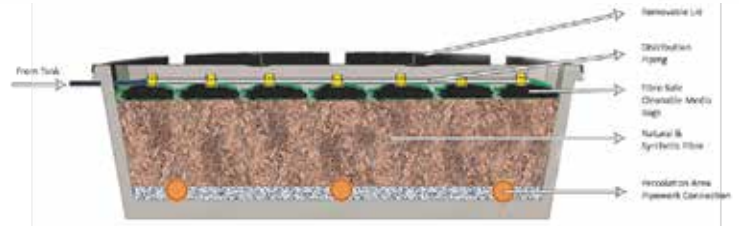
The TER3 will be either a slightly raised small bed or finished at ground level, depending on the results of the percolation test. **EuroTank TER3 is a Cost effective, Easily Installed, Low Profile and Efficient method of complete on-site wastewater treatment and disposal.**



TER3 Unit and Percolation Detail



Cross Section of TER3 Unit



Population Equivalent PE	6 to 50 with configurations for 6, 9, 12, 18, 24, 36, 43, 50.
Effluent Quality <i>(Far Exceeding Irish Minimum Standards)</i>	Bod 2mg/l Suspended Solids 4mg/l NH4N 0.3mg/l Phosphates < 6mg/l Ecoli and Total Coliform Removal < 99%
Concrete	45n reinforced
Certification	By PIA GMBH Under EN12566/3 To Irish NSAI SR66 Standard

Key Features:

- High Effluent Quality, with superior reduction in BOD, COD, Suspended solids, Nutrients, and Pathogens. (Best on the Irish Market!)
- Suitable for many sites including small restricted existing sites.
- Concrete unit.
- Fibre safe pre-clean system, in cleanable bags that can be shaken or washed.
- Very easy to maintain.
- Includes percolation pipe connections.

Operation Principles:

Secondary treated water from the tank is pumped and distributed via a pipe network with orifice shielding. Water is distributed evenly over the Fibre safe Bags which remove any residual solids and in particular greases which ensure long life use of the natural and synthetic mix fibre Media. The waters then trickle through the fibre to receive final treatment and polishing before entering the percolation pipework over a bed of stone for distribution and final discharge to underlying soils.

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