

Efficient, reliable and cost-effective wastewater treatment plant for domestic applications.







Very small footprint

Can be tailored to suit individual sites

Manufactured in NI from strong, robust, impact resistant polyethylene unlike alternatives which are prone to cracking if not handled carefully

Easily installed due to light weight material

Quiet in operation - There are no electrical or mechanical components within the tank. The only mechanical component is a small air compressor

Extremely low maintenance & running costs - (Energy efficient Air Pump – 38-43W)









Site Installation Guideline of Viltra's OXTEC

sewage treatment plant

Inlet

6-10mm pea shingle

backfill

of tank

Wet concrete

bed haunched

up around side

base of tank **

Minimum 150mm below

Dry Ground Conditions

550

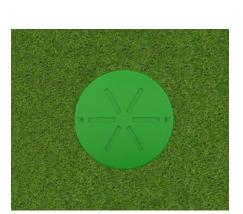
550



Viltra's OXTEC is a 3-stage biological process sewage treatment plant contained in a single tank structure. It is a highly efficient, reliable and costeffective way to dispose of domestic sewage where there is no access to a main sewer.

Key Features

- Single tank installation to minimise costs
- Strong and secure access cover
- Failure alarm systems as standard and not at additional cost
- · No mechanical or electrical parts within unit
- Rotationally moulded in tough, durable polyethylene for easy and cost-effective installation
- Sealed unit with no joints below water level



1500

** May vary subject to

specific site conditions

- Consultancy & Design
- Site Survey and Design Proposals
- 'Consent to Discharge' Advice and Management
- Installation & Commissioning
- Ongoing Servicing & Maintenance
- Spare Parts



bod removal 95.0%

Wet Ground Conditions

Concrete Backfill

Wet concrete

bed, haunched

up around side of tank

Plastic Membrane

200mm hardcore and blinding

as necessary

Outlet

50

The OXTEC sewage treatment plant is tested and certified to exceed the current Environment Agency standard of 95% with an overall average of 96.7%. Removal efficiencies up to 99%

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