

FM Environmental Ltd

FME PICO - wastewater treatment plant

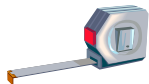


The **FME-Picobel** is our wastewater treatment system for domestic and small business applications. The unit provides biological treatment of wastewater in a compact robust tank structure. Treatment is provided in three stages; primary settlement, biological degradation and secondary settlement. The Picobels are the small carrier parts that provide a surface for the process organisms to attach and grow. The FME-Picobel is tested to the rigorous demands of the European EN12566-3 standards - which is set to become a prerequisite for package sewage treatment systems. The plant is also DiBT approved and carries CE marking.

- ⇒ **Plant design** – ‘aerobic’ conditions are provided by a quiet, compact air compressor usually located in an adjacent building or cabinet (by client) All live parts are above ground level. Fixtures are well designed and durable.
- ⇒ **The Picobels** - are the small carrier parts that provide a surface for the process organisms to attach and grow. The Picobels are suspended and mixed in the biozone chamber. The swirling action ensures good contact with incoming flows. The unique lamellae design provides high surface area for biological growth. This is balanced by a self-regulating effect that prevents overgrowth of the biological film.



- ⇒ The Pico is housed in the the distinctive **Carat-S Tank**. Manufactured in heavy duty Duralen ® it is a unique application of large scale injection moulding to produce accurately formed, extremely rigid and impact resistant chamber. The material provides high stability and life expectancy to ensure long term satisfaction.
- ⇒ The plant is user-friendly for installer and operator. Easy placement, connection and backfill makes installation an efficient and economic procedure. Accurate fabrication and a strong structure ensure owner confidence in the tank’s long-term reliability.



Typical unit dimensions for domestic applications
LxBxW = 2.5m x 2m x2.5m approx.
Weight: 185 kg (empty), 5000 kg (full)

Multiple units for larger applications

High treatment standards
EN12566-3 approved
CE marking
DiBT approved
15yr structure warranty*
3yr equipment warranty*



*Terms & conditions apply

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