WATER SUSTAINABILITY/DRAINAGE AND INTERCEPTOR MAINTENANCE

Andel Soakaway Tank

Effective management of surface water or stormwater runoff, allowing slow infiltration into the ground and improved drainage

Overview

Andel's Soakaway tank is an ideal solution for small plots of land, providing drainage of treated water or stormwater into the ground. Water flows through the soakaway pit into a layer of gravel for slow drainage into the ground. Construction uses high-density polyethylene (HDPE), selected for its outstanding tensile strength and high-impact resistance, making it ideal for installation in various ground conditions.

Sustainable drainage

Soakaway tanks play a valuable role in stormwater management by controlling rainwater runoff to prevent flooding and soil erosion. They aid groundwater recharge, replenishing vital water sources, and function as natural filters. As key components of Sustainable Drainage Systems (SuDS), they contribute to environmentally friendly water management while remaining cost-effective and space-efficient.

Site requirements

A cost-effective and space-efficient way to discharge treated effluent into a gravel drainage field, or to slow surface runoff and reduce soil erosion and ground damage. Success depends on soil permeability and site characteristics, so professional guidance and adherence to local regulations are needed. The site requires a BRE 365 percolation test to ensure ground stability. Multiple soakaway tanks can be used to disperse roof water, ground run-off, other stormwater and treated effluent.

Benefits at a glance

- Lightweight and strong
- Easy to transport
- Cheaper, quicker and easier to install compared to traditional GRP construction
- Environmentally beneficial
- Mitigates flooding and soil erosion
- Constructed from high-density polyethylene (HDPE)
- Resistant to corrosion and frost
- Grating built into the lid assists dispersal of run-off from hard ground (concrete, tarmac or similar) to prevent yard flooding

TECHNICAL INFORMATION

DIMENSIONS

Height: 1,000mm

Inner diameter, lower well (d1): 1,000mm

Outer diameter, lower well (d2): 1,200mm

Diameter, upper well (d3): 820mm

Top grate cover: 365mm × 365mm, lockable / removable

Weight: 28kg

CONSTRUCTION

Load rating: 5 ton, pedestrian rated

Design: Durable construction for increased stability when installed in the ground

SITE REQUIREMENTS

BRE 365 percolation test required