WATER SUSTAINABILITY/DRAINAGE AND INTERCEPTOR MAINTENANCE

Andel Rainwater Harvesting Tanks

Andel rainwater harvesting tanks can reduce the water consumption of an average household by up to 40%



Overview

Underground HDPE rainwater harvesting tanks provide a reliable, environmentally-friendly solution for collecting and storing rainwater from rooftops, paved surfaces and other drainage areas. Captured rainwater supports non-potable applications including irrigation, domestic use and groundwater recharge, conserving resources, reducing stormwater runoff and mitigating flood risk.

Construction

A monolithic HDPE body is rotationally moulded in a single, rib-reinforced piece. It is chemical and impact resistant with outstanding corrosion resistance, and its one-piece construction has minimal servicing requirements.

Filtration system

A dual filtration setup with a top filter and internal filter basket removes organic debris and inorganic particles. An overflow mechanism redirects excess water into the stormwater drainage system once the tank is full. A two-way valve is fitted.

Benefits at a glance

- Reduces mains water consumption by up to 40%
- Saves on water bills
- Reduces stormwater runoff and flood risk
- Reduces the strain on stormwater drainage systems
- Retains water close to source
- Provides freedom from imposed water use restrictions during a drought
- Promotes the sustainable use of water resources
- Supports BREEAM credits and sustainable building targets
- High-strength HDPE construction for durability
- Monolithic construction without joints and welds
- Resistant to chemicals, UV and extreme temperatures
- Lightweight and easier to install than GRP alternatives
- 10-year tank warranty
- Fully compliant with UK Building Regulations and BS 8515:2009

Warranty: 10-year tank warranty

Configurations

Andel Rain 2000	Andel Rain 3000	Andel Rain 4000	Andel Rain 5000
L 2,000mm × W 1,260mm × H 1,700mm Volume 2,000 L; inflow height 1,350mm; outflow height 1,320mm; weight 114kg	L 2,300mm × W 1,400mm × H 1,900mm Volume 3,000 L; inflow height 1,535mm; outflow height 1,510mm; weight 133kg	L 2,340mm × W 1,700mm × H 2,020mm Volume 4,000 L; inflow height 1,645mm; outflow height 1,620mm; weight 186kg	L 2,400mm × W 1,800mm × H 2,200mm Volume 5,000 L; inflow height 1,770mm; outflow height 1,745mm; weight 226kg

TECHNICAL INFORMATION

SPECIFICATION

Capacity range: 2,000–5,000 litres

Material: High-density polyethylene (HDPE)

Construction: Monolithic, rotationally moulded

Installation: Underground

Filtration: Dual system (top filter + internal basket)

Pump options: Available with or without

Warranty: 10-year tank warranty

Compliance: BS 8515, CIRIA C753, BREEAM, Building Regulations Part H