

TECHNICAL DATA SHEET

SEDIMENTATION PIT 1000x1000 mm

Square HDPE (PE100) sedimentation pit for rainwater systems.

PRODUCT DESCRIPTION

Sedimentation pit is designed for rainwater systems. The pit has a A15 class (EN 124) galvanized steel grate and DN/OD 200 or 250 mm outlet pipe connection. Sedimentation pit has been produced from reinforced HDPE (PE100) sheets. Construction of HDPE sheets ensures excellent mechanical strength and longevity.

TECHNICAL PARAMETERS

PE 100 parameters:

- Density — 0.960 g/cm³ (EN ISO 1183-1)
- Tensile modulus of elasticity — 1100 MPa (EN ISO 527)
- Yield stress — 23 MPa (EN ISO 527)
- Elongation at yield — 9% (EN ISO 527)
- Impact strength (kJ/m²) — without break (EN ISO 179)
- Thermal conductivity — 0.38 W/m*K (EN 12667)
- Dielectric strength — 47 kV/mm (IEC 60243-1)
- Temperature range — -50 to +80 °C

