

PLANTER standard

PROFILED HDPE MEMBRANE FOR PROTECTION OF WATERPROOFING LAYER, CONSTRUCTION OF PREPARATION LAYER FOR FOUNDATION SLABS

PLANTER standard is a profiled membrane produced by extrusion method on a base of high-density polyethylene (HDPE), which is used for:

- protection of waterproofing layer from mechanical damage;
- construction of preparation layer for foundation slabs;
- protection of foundation from capillary moisture;
- sanitation of damp walls.

The material is very lightweight and easy to install, herein it is featured by high strength properties. PLANTER is resistant to chemicals, mould and bacteria, roots of plants and ultraviolet radiation. The top surface of the material is covered with conic studs of 8 mm height and 10 mm in diameter.



The membrane is fixed mechanically, overlaps are sealed with NICOBAND self-adhesive tape.

PLANTER geo

PROFILED HDPE MEMBRANE WITH GEOTEXTILE FOR CONSTRUCTION OF DRAINAGE FOR FOUNDATIONS, BALLASTED AND GREEN ROOFS

PLANTER geo is a double-layer profiled membrane. The first layer of the material is produced by extrusion method on a base of high-density polyethylene (HDPE) covered with conic studs 8 mm height and 10 mm in diameter. The second layer is a thermally bounded geotextile glued to the membrane.

The material is used for:

- construction of vertical and horizontal drainage for foundations;
- construction of drainage, protective and separating layer for ballasted roofs and green roofs.

The material is very lightweight and easy to install, herein it is featured by high strength properties. PLANTER is resistant to chemicals, mould and bacteria, roots of plants and ultraviolet radiation.



The membrane is fixed with double-sided self-adhesive sealant tape NICOBAND DUO. Or else, it can be fixed mechanically.

PROPERTIES	TEST METHOD	PLANTER standard	PLANTER geo
Compressive strength, kPa	EN 604	≥280	≥350
Mass per unit area, kg/m ²	EN 1849-2	0.55	0.65
Length x width, m	EN 1848-2	20 x 2.0	15 x 2.0
Tensile strength L / T, N/50 mm	EN 12311-2	≥280 / ≥280	≥420 / ≥420
Elongation, %	EN 12311-2	≥20	≥30
Studs height, mm	EN 1849-2	8	8
Water flow rate, l/m ² *sec	-	-	5.1