



LOGICROOF V-RP FB

Polyester-reinforced PVC membrane with laminated geotextile fleece on the bottom for single-ply waterproofing of exposed flat roofs

Product description

LOGICROOF V-RP FB is a polyester-reinforced PVC membrane with laminated geotextile fleece on the bottom surface, which is designed for use in fully adhered systems. The material is used for single-ply waterproofing of exposed flat roofs.

The multilayer synthetic membrane is produced by co-extrusion on a base of premium quality plasticized polyvinyl chloride (PVC-P). The top layer is featured by very high resistance to weather factors and UV rays, while the bottom layer offers a high resistance to puncture.

A variation with a non-slippery textured surface of top layer LOGICROOF V-RP FB (T) is available.



Performance of works

The waterproofing PVC membrane is to be fully adhered to the substrate geotextile fleece down by means of a special glue (each roll has a fleece-free edge on one side). Overlap seams are welded by hot-air welding equipment, such as manual hot-air welding machines and pressure rollers or automatic hot-air welding machines with temperature control. Contact with all materials containing bitumen or solvents should be avoided. Direct contact with polymeric materials made of polystyrene (EPS, XPS) is not allowed.

Storage

Rolls of synthetic membranes are delivered on pallets. Every roll is packed in the additional individual pack. Rolls should be stored lying down on pallets fully protected from moisture with clean canvas tarpaulins. Keep the minimum distance of 1 m from any source of heat. Shelf life if all storage requirements are met: 18 months from the date of production.

Main characteristics

Properties	Performance	Test method
Thickness, mm	1.5, 2.0 (-5/+10%)	EN 1849-2
Mass per unit area, kg/m ²	1.9, 2.8	EN 1849-2
Length × width, m	20 × 2.1, 15 × 2.1	EN 1848-2
Tensile strength L / T, N/50 mm	≥1100 / ≥900	EN 12311-2
Elongation, %	≥18	EN 12311-2
Tear resistance, N	≥150	EN 12310-2
Resistance to static load, kg	≥20	EN 12730 B
Resistance to impact on rigid / soft base, mm	≥800 / ≥1000 (1.5 mm) ≥1400 / ≥1800 (2.0 mm)	EN 12691
Peel resistance of joints, N/50 mm	≥300	EN 12316-2
Shear resistance of joints, N/50 mm	≥700	EN 12317-2
Foldability at low temperature, °C	≤-30	EN 495-5
Watertightness during 24 h at a pressure of 10 kPa	Pass	EN 1928-2 B