



LOGICROOF V-RP

Polyester reinforced PVC membrane for single-ply waterproofing of exposed flat roofs

Product description

LOGICROOF V-RP is a polyester reinforced PVC membrane, which is used for single-ply waterproofing of exposed flat roofs.

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

Can be supplied in different colors: grey, white, red, green and blue. A variation with a non-slippery textured surface of the top layer LOGICROOF V-RP (T) is available.



Performance of works

The waterproofing PVC membrane is installed by mechanical fastening in seam overlaps area. 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 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 | 1.2 (-0/+10%); 1.5, 1.8, 2.0 (-5/+10%) | EN 1849-2 |
| Mass per unit area, kg/m ² | 1.5, 1.8, 2.2, 2.7 | EN 1849-2 |
| Length × width, m | 25 × 2.1, 20 × 2.1, 15 × 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 | ≥600 / ≥700 (1.2 mm) ≥800 / ≥1000 (1.5 mm) ≥1100 / ≥1500 (1.8 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 |