



LOGICBASE V-PT

Non-reinforced PVC membrane used as a protective layer of waterproofing PVC systems

Product description

LOGICBASE V-PT is a special PVC membrane, which is used as a protective layer of waterproofing PVC systems. The material is produced by co-extrusion on a base of premium quality plasticized polyvinyl chloride (PVC-P).

High impact resistance of the material provides a reliable protection of the main waterproofing layer from mechanical damages during construction works.



Performance of works

The protective PVC membrane LOGICBASE V-PT is welded with the hot air to the main waterproofing layer at certain points along the whole 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 (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	2.0, 2.6	EN 1849-2
Length × width, m	20 × 2.05	EN 1848-2
Tensile strength L / T, MPa	≥12 / ≥10	EN 12311-2
Elongation, %	≥200	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	≥700 / ≥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	≤-25	EN 495-5
Watertightness during 24 h at a pressure of 60 kPa	Pass	EN 1928-2 B