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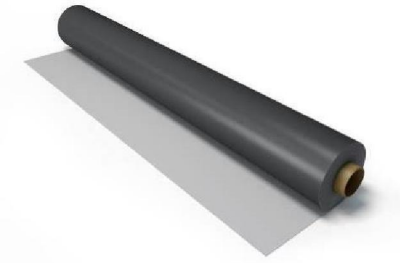
LOGICROOF V-GR

Glass fiber reinforced PVC membrane for single ply waterproofing of ballasted and inverted flat roofs.

DESCRIPTION:

LOGICROOF V-GR is a glass fiber reinforced PVC membrane, which is used for single-ply waterproofing of ballasted and inverted non-exposed flat roofs. The multi-layer material is produced by co-extrusion on a base of premium quality plasticized polyvinyl chloride (PVC-P).
Glass fiber reinforcement provides an increased resistance to punctures and mechanical impacts of sharp objects.



APPLICATION:

The waterproofing PVC membrane is loose laid. 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

HARMONISED STANDARD:
EN 13707:2004 + A2:2009

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.

PERFORMANCE AND KEY PROPERTIES:

Properties	Test Method	Performance
Thickness, mm	EN 1849-2	1.5 (-5/+10%), 2.0 (-5/+10%), 2.4 (-5/+10%)
Mass per unit area, kg/m²	EN 1849-2	1.8, 2.5, 3.2
Length x width, m	EN 1848-2	20 x 2.05, 15 x 2.05, 15 x 2.05
Tensile strength L / T, MPa	12311-2 B	≥14 / ≥13
Elongation, %	EN 12311-2	≥200
Tear resistance, N	EN 12310-2	≥150
Resistance to static load, kg	EN 12730 B	≥20
Resistance to impact on rigid / soft base, mm	EN 12691	≥800 / ≥1000 (1.5 mm) ≥1400 / ≥1800 (2.0 mm) ≥1500 / ≥1900 (2.4 mm)
Peel resistance of joints, N/50 mm	EN 12316-2	≥300
Shear resistance of joints, N/50 mm	EN 12317-2	≥700
Foldability at low temperature, °C	EN 495-5	≤-25
Watertightness during 24 h at a pressure of 10 kPa	EN 1928-2 B	Pass