

DESCRIPTION

Plastomeric Modified Bitumen Waterproofing Membrane manufactured in a superior calendaring process by saturating and coating a polyester carrier with a waterproofing compound made of a special grade of modified bitumen with APP Polymers. Whereas the modifiers boost the thermal, mechanical and aging characteristics of the membrane compound; the non-woven Spun-Bond Polyester carrier establishes the mechanical characteristics as it performs as the reinforcement element that provides the membrane with its significant Tensile Strength, Tear Resistance, Puncturing Resistance and Elongation Properties.

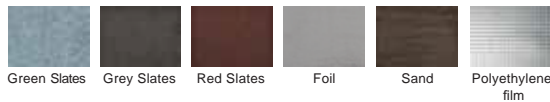
KEY FEATURES

- Good U.V. resistance.
- Superior chemical resistance to alkaline solutions, light acidic solutions and bacteria.
- Superior thermal resistance under a wide range of temperature fluctuation.
- Absolute impermeability to water.
- Outstanding performance with high and low temperature.
- Exposed applications (Mineral Finish).
- Excellent adhesion to any surface.
- Applicable for above and below grades usages.

APPLICATIONS

- Roofing or re-roofing for single or multi – layer systems, sloped and flat roofs.
- Wet areas, swimming pools and toilets.
- Underground structures.
- Slab on grade.

SURFACE FINISH



Test
Flexibility at Low Temperature
Thickness
Width
Length
Straightness
Softening point (Ring & Ball)
Penetration 25 o C
Penetration 60 o C
Tensile Strength (max)
Longitudinal
Transverse
Elongation @ Break
Longitudinal
Transverse
Tearing Strength
Longitudinal
Transverse
Resistance To Static Loading
Resistance To Impact
Flow Resistance
@Elevated Temperature
Dimensional Stability
Longitudinal
Transverse
Water tightness
Water Absorption
Vapour Permeability
Joints Tensile Strength Shear L/T
Thermal Ageing in air (in oven at 70 ± 2°C)

Unit	Test Method	Tolerance	Results
o C	ASTM D-5147	-	-2 → -5
mm	EN 1849-1	± 5%	3/4
m	EN 1848-1	± 1%	1
m	EN 1848-1	± 1%	10
mm	EN 1848-1	-	±6
o C	ASTM D- 36	≥	150
dmm	ASTM D- 5	± 5	20
dmm	ASTM D- 5	± 20	70
N/5cm	EN 12311-1	± 20%	850
N/5cm	EN 12311-1	± 20%	600
%	EN 12311-1	± 15	40
%	EN 12311-1	± 15	45
N	EN 12310-1	≥	190
N	EN 12310-1	≥	230
Kg	EN 12730	≥	15
mm	EN 12691	≥	1000
o C	EN 1110	- 10	110
%	EN 1107-1	-	-0.5
%	EN 1107-1	-	+0.5
60 KPa	EN 1928:2000	-	Pass
%	ASTM D-5147	≤	≤0.15
μ	EN 1931	≥	40000
N/5cm	EN 12317	± 20%	700/450
-	EN 1296	-	4 weeks passed

