



BITUMAT
بيتومات

The Power to Perform

تقوية في الأداء



NRCA MEMBER



ISO CERTIFIED

FIBERLON

APP Modified Bitumen Membranes
with Nonwoven Polyester Reinforcement.

DESCRIPTION

BITUMAT FIBERLON is a uniquely formulated pre-fabricated waterproofing membrane with a special multilayered design for superior pliability, tensile strength, workability and resistance to elements.

The multilayered design consists of a spunbonded polyester core coated on both sides with APP modified bitumen. The polyester core gives the membrane high tensile strength, elongation and superior lap joint strength.

Properly installed, BITUMAT FIBERLON forms an impervious, permanently flexible and waterproof blanket which accepts normal structural movement without breaking or cracking.

USES

BITUMAT FIBERLON membranes are ideal for a wide range of waterproofing applications, including roofs, reservoirs, basements, tunnels and car parks. BITUMAT FIBERLON may be utilized in exposed and covered applications.

OUTSTANDING FEATURES

- Total impermeability for complete waterproofing.
- Excellent resistance to aging and weathering.
- Outstanding bondability and seam integrity.
- Flexibility at low temperatures.
- Stability at high temperatures.
- Very high resistance to impact and puncture.
- Simple, single-layer installation reduces labour and errors.
- Variety of finishes for exposed and covered applications.

GENERAL DATA

BITUMAT FIBERLON is an APP modified bitumen membrane, with a nonwoven polyester reinforcement, black finish with a very thin polyethylene foil on both sides or granule finish.

Nominal Weight : 3, 4 or 5 Kg/M²

Nominal Thickness : 3, 4 or 5 MM

Nominal Roll Size : 1 x 10 Mts.



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TECHNICAL DATA

MBM07	50-E	R-00	00
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Property	Typical Value	Test Method
1. Softening Point, °C	150	ASTM D 36
2. Penetration, @ 25°C, dmm	20	ASTM D 5
3. Low Temperature Flexibility, °C	-2 to -5	ASTM D 5147
4. Tensile Strength, N/5cm @ 23±2°C Longitudinal Transverse	650 (13 KN/m) 500 (10 KN/m)	ASTM D 5147
5. Tensile Strength, N/5cm @ -18±2°C Longitudinal Transverse	780 (15.6 KN/m) 600 (12 KN/m)	ASTM D 5147
6. Elongation, % @ 23±2°C Longitudinal Transverse	40 50	ASTM D 5147
7. Elongation, % @ -18±2°C Longitudinal Transverse	20 26	ASTM D 5147
8. Tear Resistance, N Longitudinal Transverse	350 300	ASTM D 5147
9. Puncture Resistance Static Indentation Dynamic Indentation	L3 I3	UEAtc 5.1.9. UEAtc 5.1.4.
10. Load Strain Product @ 23±2°C Longitudinal Transverse	26,000 25,000	CGSB 37 GP 56M
11. Load Strain Product @ -18±2°C Longitudinal Transverse	15,600 15,600	CGSB 37 GP 56M
12. Lap Joint Strength, N/5cm Longitudinal Transverse	650 500	CGSB 37 GP 56M
13. Compound Stability, 100°C for 2 hours and 15 minutes	Pass	ASTM D 5147
14. Water Absorption, % WT @ 23°C, 24 hrs.	< 0.8	ASTM D 5147
15. Dimension Stability, % Longitudinal Transverse	± 0.8 ± 0.8	ASTM D 5147

The information given in this Technical Data Sheet reflects typical median properties based on laboratory test, and practical experience; subject to the tolerance levels of UEAtc directives. However, as the product is often used under conditions beyond our control, we can't warrant but the product itself.

THIS PUBLICATION AUTOMATICALLY SUPERSEDES ALL PREVIOUS PUBLICATIONS RELATING TO THIS PRODUCT.

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