



BM FELT

Polymer Modified Fiber Membrane

DESCRIPTION

BM FELT membranes are Polymer modified bitumen membranes, consists 2 layers of HDPE polyethylene film. A unique technology, having very good flexible waterproofing qualities with excellent elongation.

USES

BM FELT membranes are ideal for general use in single or multi-layer waterproofing systems intended for concrete protections. It may be used for horizontal and vertical application and damp proof course for tanking below ground structures and retaining walls.

APPLICATION

The surface should be always clean, dry, firm, even and free from dust. The membranes are bonded to the surface by using cold adhesive or hot pour bitumen. The laying should start from the lowest point of the roof and overlapping should be formed so as to shed water. Overlap shall be sealed with sufficient adhesives/bitumen. The overlaps of adjacent rolls should be staggered. The side laps should be minimum 8cm and end laps 15 cm. Details such as corners, edges and joints should be carefully prepared in advance by adhesive and fixing strips of **BM FELT** in place.

TECHNICAL DATA

PROPERTIES	TYPICAL VALUE	TEST STANDARD
Coating asphalt	Polymer modified asphalt	-
Softening point, °C	>125	ASTM D-36
Penetration, @25°C, dmm	20±5	ASTM D-5
Heat resistance @ 90°C	No flow	ASTM D-5147
Tensile strength (L/T), (N/5cm)	130/60	ASTM D-5147
Elongation at Break (L/T), %	200/275	ASTM D-5147
Tear resistance (L/T), (N)	80/50	ASTM D-5147 /D 4073

COVERAGE

Coverage varies depending on the surface condition:

BM FELT Flat Areas : 1.15m²/m² (Approx.) per layer with 10cm Overlaps and 15cms end laps.
Average wastages: 2-3%.

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STANDARDS

BM FELT membranes comply with the performance requirements and tolerance level of UEAtc (European Union of Technical Agreement) and ASTM (American Society for Testing and Materials).

STORAGE

The rolls must be stored vertically in a covered area, away from direct sunlight, UV and other sources of heat. The shelf life of the product is up to 12 months from the date of production. Excessive exposure to sunlight and UV will result in the deterioration of the product and reduce its shelf life.

HEALTH AND SAFETY

Membranes when torch melt and form a sticky compound and can stick with human skin. The same shall be cooled with plenty of water if it is in hot condition and later can be removed by using soft cloth dipped in a suitable cleaner. If, the burn is deeper take medical help immediately.

SUPPLY

Nominal roll length: 1mx10m, 1mx15m;

Nominal roll width: 1m;

Nominal thickness: 3mm, 4mm