



BM Board P

Polyester Reinforced Polymer modified Protection Board

DESCRIPTION

BM BOARD P are rectangular sheets made from **Polymer** modified bitumen compound sandwiched between thermos-fusible polyethylene films and have a center core of Non-woven Spun bonded polyester mat as reinforcement. They have supreme waterproofing qualities along with commendable features such as dimensional stability, high puncture resistance, Tear resistance and toughness to withstand site abuse. They exhibit good UV resistance and durability.

USES

BM BOARD P are commonly used to protect single or multi-layer water proofing membrane systems. They offer permanent protection. **BM BOARD P** preserves the membrane from any damage by absorbing the impact of smaller aggregate shock during the backfill and also from any damage caused by foot traffic, sharp edges of reinforcement steel rods. **BM BOARD P** with smooth thermos-fusible polyethylene surface is specifically used for covered applications.

APPLICATION

The surface to be protected should be clean, dry, firm, even and free from any surface imperfection.

Use bituminous rubber modified adhesives or adhesive tapes or torch propane/butane gas (over the torch-on membrane protection only) for fixing **BM BOARD P** over the waterproofing membrane. Boards are placed closely as butt joint and not overlapped, the butt joint needs to be protected with approx.50mm width. HDPE is sandwiched on one side with self-adhesive tape to refrain any backfill material from entering and subsequently leading to damage of the waterproofing membrane.

TECHNICAL DATA

PROPERTIES	TYPICAL VALUE	TEST STANDARD
Coating asphalt	APP 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)	600/450	ASTM D-5147
Tear resistance (L/T) (N)	300/200	ASTM D-5147 /D 4073
Lap Joint strength (N/5cm)	Same as membrane sheet	EN 12317
Water absorption %wt. @ 23°C 24hrs	< 1	ASTM D-5147
Resistance to Static	Static- L ₄	UEAtc 5.1.9
Dimensional stability (%)	< 1	ASTM D6222

All values given are subject to 8-10% tolerance

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COVERAGE

BM BOARD P

Flat Areas: 1.01m²/m² (Approx.) per layer with butt joint and without overlaps.

Average wastages: 0.5%.

STORAGE

The sheet must be stored horizontally in a covered flat area. Keep the sheets away from the exposure of direct sunlight, UV and other sources of heat. Make sure to not stack one pallet over another pallet. The product is best used within 12 months from the date of production. Excessive exposure to sunlight may subsequently lead deterioration of the product quality.

HEALTH AND SAFETY

When torched to melt, **BM BOARD P** membranes form a sticky compound and can stick to human skin. Apply plenty of water if it is in hot condition and remove it later by using a soft cloth dipped in a suitable cleaner. For deep burns immediate medical assistance is suggested.

SUPPLY

Nominal width & length: 2m x 1m ;

Nominal thickness: 3mm, 3.2mm, 3.5m, 4mm, 6mm