

PROTECTOBOARD™

Preformed Bituminous Protection Board



An ISO 9001:2015 Certified Company

DESCRIPTION - PROTECTOBOARD is a high strength indentation and impart panel, fabricated from mineral reinforced Bitumen, formed between two layers of saturated non woven fibre glass reinforcement. Each board has a polyethelene surface, which act as an antistick while packing.

USES : PROTECTOBOARD is used as a universal protection panel used to protect the water proofing systems, from damage during construction activities and backfilling. **PROTECTOBOARD** with its high resistance to puncture and impact becomes an ideal protection to the membrane against sharp aggregates and alien matter that comes along with the backfill. It is also used as a protection over waterproofing applications on Bridge decks, Parking areas, Terraces and Tunnels.

OUTSTANDING FEATURES

1. Semi flexible but tough, can withstand normal soil or structural movements.
2. Water resistant, withstands wet soil conditions.
3. Inorganic reinforcement will not rot, resulting in long life.
4. Absorbs impacts of aggregates.
5. Protects waterproofing membranes from penetration of sharp edges of steel reinforcement.
6. Compatible with most waterproofing systems.
7. It can be torched or applied with cold adhesive directly to the board.

APPLICATION

PROTECTOBOARD should be installed continuously over the waterproofing membranes by fitting all edges firmly. For horizontal surface, butt the sheets together, if necessary cut the sheets to fit all inter sections and protrusions. On vertical surfaces, butt the sheets and hold temporarily in place backfill is

accomplished. **PROTECTOBOARD** can be fixed by torch with cold and hot applied adhesives, depending upon the membrane used. When properly applied by workmen trained in waterproofing techniques, **PROTECTOBOARD** will serve as an effective protection system for long time.

BACKFILLING

Backfilling against vertical walls should be done within 48 hours after installing the **PROTECTOBOARD**. For horizontal applications membranes and **PROTECTOBOARD**s should be installed just prior to the installation of the wearing surface. Backfill material should not be dropped against the protection course in such a manner that it could drag the sheets down as it drops.

HANDLING

PROTECTOBOARD is available shrink - wrapped for easy handling. It should be off loaded with the help of a crane or forklift. If the boards are unloaded individually, please ensure they are stacked once again on the flat surface.

TECHNICAL DATA

Thickness	3 mm, 4 mm, 6 mm
Size (mm)	1.00 mt x 2.00 mt
Normal Weight	4 to 8 kg per sq mtr.
Bitumen content (min)	65%
Softening point (min)	130°C
Flexibility at 25°C	Flexible
Water permeability	Impermeable
Chemical & Salt resistance	Excellent
Chisel test	Passes
Puncture Resistance	> 1200 N

This data is subject to change / modify time to time due to continuous improvement of the products. Test results are given as per the tests conducted in the lab. The test results may vary due to climatic conditions.

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