

OVERVIEW

BITOBOARD is a high quality, semi flexible bituminous board for use as protection course to waterproofing against long term exposure, backfill and damage caused by construction traffic, concreting and other subsequent works. **BITOBOARD** is produced with a mix of bitumen compounds, stabilizers and modifiers and strengthened with a fabric reinforcement, providing superior puncture resistance and low deflection coefficient while maintaining a sufficient degree of flexibility to accommodate normal site usage.

PROPERTIES

- Tough: Excellent resistance to puncture and normal site handling
- Robust: Withstands normal construction abuse and impact from backfilling operations
- Durable: Protect against exposure, construction traffic, concreting and other topping works
- Rot proof: Unaffected by permanent or periodic immersion in ground water
- Semi-flexible: Can be bent to normal contours while maintaining rigidity
- Impermeable to water and with low vapor transmission, enhances water tightness
- Resistant to salts, chlorides and other chemicals normally found in the soil
- Stable at high temperature while retaining flexibility in cold weather
- Can be applied by adhesive or by torch (see installation section)

Installation :

Install **BITOBOARD** continuously over the membrane, butting the joints. Cut **BITOBOARD** sheets with a roofer's knife as required obtaining complete coverage and a neat overall finish. On vertical areas spot bond, the boards with a compatible bituminous or neoprene adhesive, using temporary supports in place until backfilling operation. In horizontal areas spot bonding at corners and sides of the boards will be sufficient to avoid slippage during subsequent work over the boards.

Backfilling: Concrete or application of toppings over the boards must begin as early as possible, after installation of **BITOBOARD**. Backfilling must be carried out with care to avoid dragging the boards down.

Specification & Compliance :

BITOBOARD is tested to ASTM and other relevant international standards.

User and Compliance

Protection to waterproofing membranes and coatings in foundations, Floors, terraces, bridge decks, planters, etc. **BITOBOARD** provides positive protection not only during construction activities and backfilling, but also at the time of later settlement **BITOBOARD** is compatible with a wide range of waterproofing systems, including all cold applied and hot applied bituminous sheet membranes and liquid applied systems.

PACKAGING & STORAGE

BITOBOARD boards are stacked on a pallet one over the other and stretch wrapped. Store on level ground under shade.

Form of supply

BITOBOARD are supplied in sheets of 1 m x 2m, in standard thickness of 3 mm, 3.2 mm, 3.5 mm and 4 mm. Finished on both faces with polyethylene foils.

Health & Safety

There are no health hazards associated with the normal usage. Wear gloves while handling to avoid injury

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GENERAL DATA :

Product	Bituminous Protection Board				
Thickness	(mm)	3.0	3.2	3.5	4.0
Nominal weight (approx)	Kg/m ²	3.5	3.7	4.0	4.5
Dimensions length / width	[r n]		2/1		
Coating	Polymer modified bitumen				

TECHNICAL DATA

Property	Unit	Test Method	Value
Softening Point	[° C]	ASTM D 36	150