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BITUPROOF - FLX

Excellent Flexible Bitumen Protection Board

DESCRIPTION

BITUMAT BITUPROOF FLX is a high strength, indentation and impact resistant panel, fabricated from modified bitumen and high strength polyester, processed to form a semi rigid panel. It has excellent softening point, thus making it extremely soft and pliable.

USES

Excellent universal protection panel used to protect the waterproofing systems against damage during construction activities & backfilling. It can also be used as a protection panel or, as a walk pad over exposed roofs or around mechanical equipment's installed on roofs.

BITUMAT BITUPROOF FLX has excellent resistance to puncture and impact. It provides protection against unintentional physical abuse caused by other tradesmen.

OUTSTANDING FEATURES

- Extremely flexible and tough, can withstand normal soil or structural movements.
- Water resistant, withstands wet soil conditions.
- Absorbs the impact of aggregates.
- Withstand foot traffic.
- Protects the waterproofing membrane from penetration of sharp edges of steel reinforcement.
- Compatibility with most waterproofing systems, especially the bituminous systems.
- Much more durable than fiber boards which soften in due course of time.
- Easy to install.
- Salt, chemical resistance

GENERAL DATA

Nominal Weight	: 4 to 8 kg/m ²
Nominal Thickness	: 3, 4, 5 & 6 mm
Nominal Board Size	: 1.0x 2.0 m

INSTALLATION

BITUMAT BITUPROOF FLX should be installed continuously over the waterproofing membrane and can be cut easily with a roofer's knife to fit all areas. For horizontal surfaces, but the **BITUMAT BITUPROOF FLX** sheets together. If necessary, cut the sheets to fit all inter sections and protrusions. On vertical surface, but the sheets and hold temporarily in place until backfill is accomplished.

BITUMAT BITUPROOF FLX can be fixed by cold / hot applied adhesives of bitumen depending upon the type of membrane used. When properly applied by workmen trained in roof waterproofing techniques, **BITUMAT BITUPROOF FLX** will serve as an effective protection system for a long time.

Backfilling

Backfilling against vertical walls should be done within 48 hours' maximum after installing the protection board. For horizontal applications.



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Waterproofing and protection board 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 sheet down as it drops.

Packaging

3 mm - 200 pieces
4 mm - 150 pieces
5 mm - 100 pieces
6 mm - 100 pieces
10 pallets per trailer

TECHNICAL DATA

PTM06	102-Q	R-00	00
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	Property	Typical Data	Test Method	
1	Softening point, °C	150-160	ASTM D 36	
2	Penetration @ 25°C, dmm	8-12	ASTM D 5	
3	Water absorption, % @25°C / 24 hours	0.50	ASTM D 994 ASTM D 570	
4	Flexibility @ +10°C, +5°C	Flexible	ASTM D 5147	
5	Water permeability	Impermeable	ASTM E 96	
6	Chemical and Salt resistance	Excellent	ASTM D 543-95	
7	Puncture Resistance, N (32 mm)	3MM	500	ASTM E 154
		4MM	600	
		5MM	700	
		6MM	800	

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 directive. 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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