



BITUMODE -PROTECTION BOARD

MODIFIED BITUMEN PLASTOMERIC WATERPROOFING

PROTECTION BOARD REINFORCED WITH TWO THERMALLY STABLE REINFORCEMENT

What is Bitumode?

Produced by Bitumode Qatar Waterproofing factory, Bitumode is a line of polymer modified bitumen waterproofing membrane and protection boards of the highest quality.

BITUMODE-Protection Board is reinforced with Double layer of thermally stable reinforcements to make stable panels which provide highly mechanical properties and dimensional stability.

Uses

BITUMODE Protection Board is an enhanced features waterproofing protection boards, can be applied virtually anywhere where touch applied modified bitumen membranes is applied resisting mechanical stresses and impact, physical properties are specified.

BITUMODE Protection Board can be applied in:

- single layer protection waterproofing system from damage while construction activities going on or backfilling process

Advantages

BITUMODE Protection Board has been designed with special regard to providing clients with an excellent and versatile product. Advantages of **BITUMODE Protection Board** include:

- Easy to apply (by torch) or (Glue).
- Highly mechanical properties.
- Absolute impermeability to water.
- Semi Flexibility at all temperature application range.
- Excellent high temperature performance.
- Resistant to soil chemicals and salts.
- Excellent adhesion on any surface.
- High dimensional stability.
- Environmentally friendly.

Quality Control

Bitumode Qatar Waterproofing Factory is ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 Certified. it applies a stringent quality control system utilizing its in-house laboratory. Occasional samples are analyzed by independent laboratories to ensure continued adherence to the highest standards (ASTM, EN etc.)

Product Range

Standard thickness available include 3mm, 4mm and 6mm. Some types could be available by weight.

Bottom surface finish is normally Polyethylene Film (PE).

The nominal length of each board is 2 meters, and the nominal width is one meter.



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TECHNICAL DATA		UNIT	RESULT			TOLER.	TEST METHOD	الخواص الفنية	
Product		Board	3.00 mm	4.00 mm	6.00 mm				
Board Length		m	2	2	2	1%	EN 1848-1	الطول	
Board Width		m	1	1	1	1%	EN 1848-1	العرض	
Board weight		Kg	8.5	10.0	14	(± 0.5)	EN 1849-1	الوزن	
Flexibility @ 25 °c		°C	Flexible				EN 1109	المرونة عند درجات الحرارة المنخفضة	
Water impermeability at 100 K pa		-	Absolutely impermeable				EN 1928:2000	مقاومة نفاذية الماء عند 100 كيلو بسكال	
Chemical Resistance			Excellent	Excellent	Excellent			المقاومة الكيميائية	
Dynamic Puncture Resistance		N	850			-10%	ASTM E 154	مقاومة الاختراق طبقاً للمواصفات الأوربية	
Bitumen Content		%	50	50	50	± 20%	Extraction method	محتوى البيتومين	
Dimensional stability	Long	%	± 0.5	± 0.3	± 0.2	-15%	EN 1107-1	طولياً	ثبات الأبعاد
	Wide	%	± 0.5	± 0.3	± 0.2	-15%		عرضياً	

NOTES:

- Products are available in 3, 4, 6 mm for PE finish.
- Due to constant product improvements, BITUMODE QATAR WATERPROOFING FACTORY reserves the right to change above values without prior notice.

STORAGE:

- BITUMODE Qatar boards should be stored in well closed and ventilated place not subject to direct sunlight.
- Bitumode Qatar boards has a shelf life of 12 months from the date of production.

APPLICATION INSTRUCTIONS:

- BITUMODE Qatar Boards are installed whether by propane torch welding method or a recommended cold applied adhesive, loose laid or fully bonded to the substrate depending on system requirements.
- While unloading from truck the boards shall by no means allowed to fall or be thrown down from the truck.
- Surface to be waterproofed should be clean, dry, free from dust and smooth.

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