

BITUMINOUS MEMBRANCE REINFORCED WITH (POLYESTER 160 g/m²).MODIFIED WITH APP (ATACTIC POLY PROPYLENE)

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	0C	155	ASTM D36
2	Penetration	dmm	20	ASTM D 5
3	Cold Flexibility	0C	-2 to -5	ASTM D 5147
4	Heat Resistance (@90 0C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 0C			
	Longitudinal	N/5 cm	800 (16kN/m)	ASTM D 5147
	Transversal		600 (12kN/m)	
6	Tensile strength N/5cm @-18 +20C	N/5 cm		ASTM D 5147
	Longitudinal		900 (18kN/m)	
	Transversal		700 (14 kN/m)	
7	Elongation @23 + 2 0C	%		ASTM D 5147
	Longitudinal		45	
	Transversal		50	
8	Elongation, % @-18+2 0C	%		ASTM D 5147
	Longitudinal		24	
	Transversal		26	
9	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		800	
	Transversal		600	
10	Tear Strength	N		ASTM D 5147
	Longitudinal		450	
	Transversal		400	
11	Puncture Resistance	N	800	ASTM E 154
	Static		L3	UEAtc 5.1,9
	Dynamic		I3	UEAtc 4.4.1
12	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTMD 5147
	Transversal		> 0.6	
13	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
14	Water Absorption (@ 230C for hrs)	%	< 1	ASTM D 5147
15	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
16	Resistance to leakage at joints		pass	UEAtc

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .



izomax

SAPPHERE 160

P3000 P4000 P5000 P6000

MADE IN KSA

BITUMINOUS MEMBRANCE REINFORCED WITH (POLYESTER 160 gr/m²) , MODIFIED WITH APP (ATACTIC POLYPROPYLENE)

izomax SAPHIRE is a product is especially for construction projects that required high tensite strength it is resistant to temperature , differences ensures high endurance and provides ulmost protection against damages . As a highly fear resistant product , it can be used in all kinds of waterproofing applications , ensuring high performance.

izomax SAPHIRE provides protection in extreme temperatures and the high quality polyester (160 gr / m²) used as a reinforvment helps the product to stick well to the surface and function as protective layer .

APPLICATION AREAS

APP modified **izomax SAPHIRE** can be used in all areas and projects with high tensite requirements that require waterproofing such as bathrooms , roofs terraces, foundations , basements , footing tanking , car parts , tank , lining , swimming - pools , ramp areas and others .

APPLICATION

- Installed by touch welding method loose-laid or fully bonded to substrate.
When loose-laid only overlaps are bonded together.
- 10 cm (4 inches) overtopping shall be allowed for joints and 15 cm (6 inches) overtopping for ends by using welding torch.
- Mineral coated products may be used to protect the upper surface if no covering is planned.

STROAGE AND PRESERVING

- Rolls shoud be instailed in an uprught position on to the delivery vehicle and stored and carried indoors in the same way.
- Should not be exposed to ultaviolet rays UV and to sudden changes of temperatures.
- Rolls should be covered for protection from UV rays if they are to be stored for a long period of time ,
- No cutting or perfostion should be made after the application .
- It should not be exposed to UV rays after the application without mineral store cap sheet or protective coating.
- Rolls should not be put one on top of another if stored without palettes .
- Maximum two rows should be put one top of another if stored with palettes.

ADVANTAGES

- Application to various types of substates.
- The quantity to be used can bedetermined before the application.
- Resists for the lifetime of the building.
- The quantity to be used can be determined before the application.

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