

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

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	150	ASTM D36
2	Penetration	dmm	20	ASTM D 5
3	Cold Flexibility	°C	0 to -2	ASTM D 5147
4	Heat Resistance (@90°C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	700 (14kN/m)	ASTM D 5147
	Transversal		450 (9kN/m)	
6	Tensile strength N/5cm @-18 +2 °C	N/5 cm		ASTM D 5147
	Longitudinal		800 (16kN/m)	
	Transversal		550 (11kN/m)	
7	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		40	
	Transversal		45	
8	Elongation, % @-18+2 °C	%		ASTM D 5147
	Longitudinal		24	
	Transversal		26	
9	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		700	
	Transversal		450	
10	Tear Strength	N		ASTM D 5147
	Longitudinal		450	
	Transversal		350	
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	ASTM D 5147
	Transversal		> 0.6	
13	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
14	Water Absorption (@ 23 °C for hrs)	%	< 1	ASTM D 5147
15	Water Vapour Transmission,	g/m ² /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 % .



izomaks
polione
160

izomaks polione provides multiple strength and flexibility grades of products for areas exposed to different loads , which stands out with its convenience and advantages in waterproofing.

izomaks polione bituminous membranes are designed to be used in all wather conditions. It is designed for use as a waterproofing membrane over various types of substrates that require waterproofing such as bridges , viaducts , highways , curtain , walls , foundations and projects with high tensile requirements, basement walls balconies , teeceace , roofs , indined roofs, water tanks, manmade ponds, retaining walls, concrete channels as well as bathrooms and any wet surfaces.

APPLICATION AREAS

Strength elasticity and durable reinforcement properties are synonymous with . APP modified **izomaks polione** bituminous waterproofing membrane maximizes the range of applications areas .

It is designed for use as a waterproofing membrane over various types of substrates that require waterproofing such as bridges, viaducts, highways curtain walls, foundations and projects with high tensile requirements, basement walls, balconies terrace roofs, inclined roofs, water tanks, manmade ponds, retaining walls, concrete channels as well as bathrooms and any wet surfaces .

APPLICATION

- 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.

OTHER OTIONS

- All kinds of mineral stone alternatives are available..

STROAGE AND PRESERVING

- Rolls shoud be instailed in an uproght position on to the delivery vehicle and stored and carried indoors in the same way.
- Should not be exposed to ultraviolet 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

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

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