

BITUMINOUS MEMBRANCE REINFORCED WITH (POLYESTER 200 gr / m²) , MODIFIED WITH APP (ATACTIC POLYPROPYLENE)
Waterproofing of road projects is much easier with **izomax OMEGA** . With is APP modified and reinforced with polyester mat .

izomax OMEGA is a product is especially for construction projects that required high tensile slrength . It is resistant to temperature fiffereces , ensures high endurance and provides ulmost protection against damages . As a highly fear resistant product , it can be used in all kinds of waterproofing applicaitons,ensuring high performance .

izomax OMEGA provides proection in exlreme temperalures and the high quality polyester (200gr/m) used as a reinforoement helps the product to stick well to the surface and function as protective layer.

APPLICATION AREAS

- APP modified **izomax OMEGA** can be used in all areas and projects with high tensile requirements that require waterproofing such as bathrooms,pite capping footing , tanking , car parks , bridge decks , viaducts highways , abutments , tank lining , swimming pools , airport aprons , ramp - areas and others .

APPLICATION

- Installed by tarch welding method, loose - laid or fully bonded to substrate. When loose - laid only overlaps are bonded together. Periph - eres and protrusions are sealed according to specifications
- 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 planned .
- Resist splits and tears due to its pliability elongation characleristics .

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 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 perfoction 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 substrates
- The quantity to be used can bedetermined before the application.
- It's reinforcement system has high tensile strength
- Reinforcement with high elongation capability .

izomaks
OMEGA

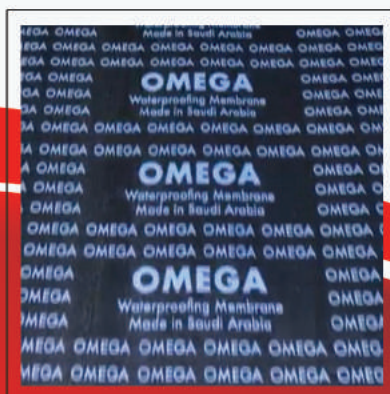
P3000 P4000 P5000 P6000



BITUMINOUS MEMBRANCE REINFORCED WITH (POLYESTER 200 g/m²).MODIFIED WITH APP (ATACTIC POLY PROPYLENE)

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	°C	155	ASTM D36
2	Penetration	dmm	20	ASTM D 5
3	Cold Flexibility	°C	- 5 to -10	ASTM D 5147
4	Heat Resistance (@120 °C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile strength @23 + 2 °C			
	Longitudinal	N/5 cm	1100 (22kN/m)	ASTM D 5147
	Transversal		850 (17kN/m)	
6	Tensile strength N/5cm @-18 +2 °C	N/5 cm	1200 (24 kN/m)	ASTM D 5147
	Longitudinal		950 (19 kN/m)	
	Transversal			
7	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		50	
	Transversal		50	
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		1100	
	Transversal		850	
10	Tear Strength	N		ASTM D 5147
	Longitudinal		600	
	Transversal		500	
11	Puncture Resistance	N	1155	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		I4	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/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 % .



izomaks

OMEGA

P3000 P4000 P5000 P6000

