

BITUMINOUS MEMBRANCE REINFORCED WITH (POLYESTER 200-250 g/m²).AND FIBERGLASS, 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	1200 (24kN/m)	ASTM D 5147
	Transversal		950 (19kN/m)	
6	Tensile strength N/5cm @-18 +2 °C	N/5 cm		ASTM D 5147
	Longitudinal		1300 (26kN/m)	
	Transversal		1050 (21 kN/m)	
7	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		50	
	Transversal		50	
8	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 30
	Longitudinal		1200	
	Transversal		950	
9	Tear Strength	N		ASTM D5147
	Longitudinal		700	
	Transversal		550	
10	Puncture Resistance	N	1300	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		I4	UEAtc 4.4.1
11	Dimensional Stability	%		
	Longitudinal		> 0.6	ASTM D 5147
	Transversal		> 0.6	
12	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799
13	Water Absorption (@ 23°C for hrs)	%	< 1	ASTM D 5147
14	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96
15	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

VIA II

BITUMINOUS MEMBRANCE REINFORCED WITH (POLYESTER 200 - 250 gr / m²) , AND FIBERGLASS ,MODIFIED WITH APP (ATACTIC POLYPROPYLENE)

Waterproofing of road projects is much easier with **izomax VIA II** with is APP modified and reinforced with polyester and fiberglass.

izomax VIA II is a product is especially for construction projects that required high tensile strength It is resistant to temperature differences , ensures high endurance and provides utmost protection against damages . As a highly tear resistant product , it can be used in all kinds of waterproofing applications,ensuring high performance .

izomax VIA II provides protection in extreme temperatures and the high quality polyester (200 - 250 gr/m) plus fiberglass (60 gr/m) used as a reinforcement helps the product to stick well to the surface and function as protective layer.

APPLICATION AREAS

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

APPLICATION

- Installed by torch welding method, loose - laid or fully bonded to substrate. When loose - laid only overlaps are bonded together. Peripheries 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 characteristics .

STORAGE AND PRESERVING

- Rolls should be installed in an upright 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 perforation 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 be determined before the application.
- It's reinforcement system has high tensile strength
- Reinforcement with high elongation capability .

izomax

VIA II

P3000 P4000 P5000 P6000



SURFACE - ALUMINUM - SAND