

**BITUMINOUS MEMBRANCE MODIFIED WITH SBS. 200 GSM REINFORCED BY NON WOVEN POLYESTER**

SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	° C	125	ASTM D36
2	Penetration	dmm	35	ASTM D 5
3	Cold Flexibility	°C	-15 to -20	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	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		(29 kN/m)	
	Transversal		(24 kN/m)	
7	Elongation @23 + 2 °C	%		ASTM D 5147
	Longitudinal		50	
	Transversal		55	
8	Elongation,% @-18+2 °C	%		ASTM D 5147
	Longitudinal		23	
	Transversal		25	
9	Lap joint Strength	N/5 cm		UEAtc M.O.A.T 31
	Longitudinal		1200	
	Transversal		950	
10	Tear Strength	N		ASTM D 5147
	Longitudinal		700	
	Transversal		500	
11	Puncture Resistance	N	1200	ASTM E 154
	Static		L4	UEAtc 5.1,9
	Dynamic		L4	UEAtc 4.4.1
12	Dimensional Stability	%		
	Longitudinal		> 0.1	ASTM D 5147
	Transversal		> 0.1	
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	< 0.35	ASTM E 96
16	Resistance to leakage at joints		pass	UEAtc

**NOTE : IZOMAX GOLD cold Flexibility as per your request (-5, -10,-15 &-20) available.  
IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .**



**izomax**  
GOLD

MADE IN KSA

**izomax**<sup>GOLD</sup> Bituminous membrane reinforced with polyester, modified with SBS (Styrene butadiene Styrene)

Because of its high quality and durability all areas requiring waterproofing are safer with **izomax**<sup>GOLD</sup> modified with high performance SBS polymer with polyester reinforcement 200 gr/m<sup>2</sup>. **izomax**<sup>GOLD</sup> has been designed for high-end construction thanks to its long-lived structure .

Modified with SBS **izomax**<sup>GOLD</sup> bituminous waterproofing membrane would be suggested for colder climate areas it is easy to apply at low temperatures.

With its strong and elastic structure which easily tolerates shrinkage, expansion and similar Behaviors, It provides high performance waterproofing in cold climate areas and can be applied to metal roofs of industrial building.

**izomax**<sup>GOLD</sup> which is highly resistant to cold targets protection against pressure water with its high capability of elasticity, providing on any applied and protection that lasts the life of building, despite physical difficulties.

## APPLICATION AREAS

Strength elasticity and durable reinforcement properties are synonymous with **izomax**<sup>GOLD</sup> 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 OPTIONS

- All colors of mineral stone alternatives are available..

## 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 palletes .
- Maximum two rows should be put one top of another if stored with palletes.

## ADVANTAGES

- Resists for the lifetime of the building.
- Application to various types of substrates.
- The quantity to be used can be determined before the application.
- Suitable for use in all kinds of climates

# izomax

**GOLD**

P3000 P4000 P5000 P6000 P4000M P5000M P3000AL P4000AL  
FG2000 FG3000 FG45000 FG3000AL FG4000M

