

**BITUMINOUS PROTECTING MEMBRANCE WITH APP, REINFORCED BY GLASS FIBRE DOUBLE REINFORCEMENT**

SR	PROPERTIES	UNIT	VALUE	TEST METHOD	
1	Thickness	mm	3.0, 4.0 & 6.0	ASTM D 5147	
2	Length	mm	2.0		
3	Width	mm	1.0		
4	Softening point	°C	155	ASTM D36	
5	Penetration	dmm	20	ASTM D 5	
6	Puncture Resistance	N	500	ASTM E 154	
	Static			L2	UEAtc 5.1,9
	Dynamic			I2	UEAtc 4.4.1
7	Resistance to Aging (after 2000 hrs)		No deterioration	ASTM D 4799	
8	Water Absorption (@ 23 °C for hrs)	%	< 1	ASTM D 5147	
9	Water Vapour Transmission,	g/m2/24hrs	< 0.5	ASTM E 96	
10	Resistance to leakage at joints		pass	UEAtc	
11	Water Permeability		impermeable	ASTM E 96	
12	Chemical and salt resistance	-	Excellect	-	

**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**

**IZOPROTECT FG**

MADE IN KSA

**izomax** IZOPROTECT is a prefabricated protecting membrane reinforced with polyester or fiberglass with a special multi-layered design for superior pliability, puncture strength and resistance to elements.

**izomax** IZOPROTECT is a uniquely formulated protecting membrane specially designed with a superior pliability, tensile strength and tear resistance to different loads which stands out with its convenience and advantages.

It is designed to protect waterproofing systems that may be on roofs, reservoirs, basements, tunnels and car parks.

Due to its superior mechanical properties, it resists sharply angled aggregates from damaging the waterproofing system.

## APPLICATION AREAS

Strength, elasticity and heavy duty reinforcement properties are synonymous with **izomax** IZOPROTECT bituminous protection membrane, maximizing the range of application areas.

It is designed to protect waterproofing systems that may be on roofs, reservoirs, basements, tunnels and car parks.

Due to its superior mechanical properties, it resists sharply angled aggregates from damaging the waterproofing system.

## 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.

## 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.

## ADVANTAGES

- Total protection to waterproofing systems.
- Very high resistance to impact & puncture.
- Outstanding bond ability and seam integrity.

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IZOPROTECT

