

BITUMINOUS MEMBRANE REINFORCED WITH (POLYESTER 200 g/m²) MODIFIED WITH APP (ATACTIC POLYPROPYLENE)

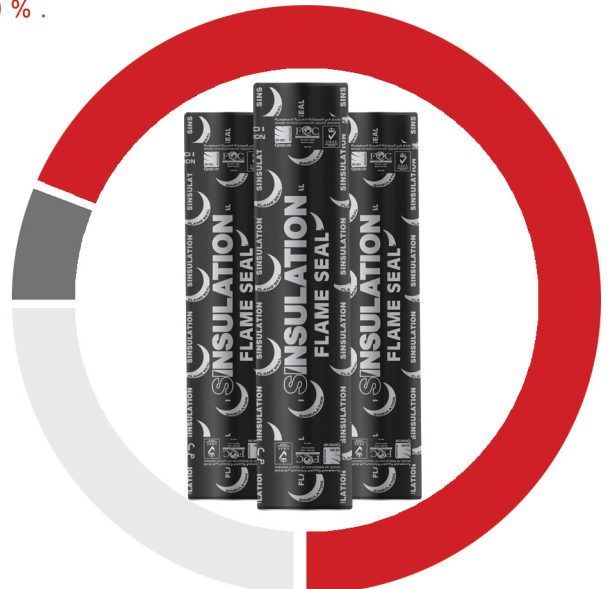
SR	PROPERTIES	UNIT	VALUE	TEST METHOD
1	Softening point	C	155	ASTM D 36
2	Penetration	dmm	20	ASTM D 5
3	Cold Flexibility	C	-5 : -10	ASTM D 5147
4	Heat Resistance (@ 120 C for 2h : 15 min)	Pass	No flow	ASTM D 5147
5	Tensile Strength @ 23 + 2 C			
	Longitudinal	N/5 cm	1100	ASTM D 5147
	Transversal		850	
6	Tensile Strength N/5cm @ -18 + 20 C	N/5 cm	1200	ASTM D 5147
	Longitudinal		950	
	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		L4	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 (@ 230 C for hrs)	%	<1	ASTM D 5147
15	Water Vapour Transmission	g/m24/2hrs	< 0.5	ASTM E 96
16	Resistance to leaking 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 % .

SI FLAME SEAL

2mm . 3mm . 4mm . 5mm . 6mm

صناعة
سعودية
MADE IN KSA



SI INSULATION

BITUMINOUS MEMBRANCE REINFORCED WITH (POLYESTER 200 gr/m) , MODIFIED WITH APP (ATACTIC POLYPROPYLENE)
Waterproofing of road projects is much easier with **SI FLAME SEAL** With is APP moddified and reinforced with polyester mat .

General Description:

SI FLAME SEAL is a prouduct is especially for construction projects that required high tensite strength it is resistant to temperature , differences ensures high endurance and provides ulmost protection against damages . As a highly fear resistant product , it can be used in all kinds of waterproofing applications , ensuring high performance.

SI FLAME SEAL provides protection in extreme temperatures and the high quality polyester (200 gr / m) used as a reinforcement helps the product to stick well to the surface and function as protective layer .

Application Areas :

APP modified **SI FLAME SEAL** can be used in all areas and projects with high tensite requirements that require waterproofing such as bathrooms , roofs terraces, foundations , basements , footing tanking , car parts , tank , lining , swimming - pools , ramp areas and others .

Application :

- Installed by touch welding method loose-laid or fully bonded to substrate.
When loose-laid only overlaps are bonded together.
- Periph-eres and protrusions 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 & Preserving :

- Rolls should 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 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 :

- Application to various types of substates.
- The quantity to be used can bedetermined before the application.
- It's reinforcement system has high tensile strength
- Reinforcement with high elongation capability.

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