

SABIT PLASTOFLEX -SPF

INTRODUCTION

SABIT PLASTOFLEX - SPF is the new generation polymer modified bituminous waterproofing membrane, consisting of a central non-woven polyester core, impregnated and coated on both sides with layers of APP (Atactic Polypropylene) Polymer modified bitumen and finished with heat fusible polyethylene film on both surfaces.

TECHNICAL DATA

No	Properties	Typical Result		Test Method	Tolerance	Method
		1	2			
1	Roll size, m	10	10	ASTM D 5147	≥	EN 1848-1
2	thickness mm	4 or 5	4 or 5	ASTM D 5147	±5%	EN 1849-1
3	Unit Weight (Plain), kg/m ³	4 or 5	4 or 5	ASTM D 5147	±10%	EN 1849-1
4	Carrier Polyester, g/m ²	200	250	UEAtc, M.O.A.T.30		
5	Softening Point (°C)	>150		ASTM D 36		
6	Penetration at 25°C, dmm	15-30		ASTM D 5		
7	Cold Flexibility - °C	-6 to -10		ASTM D 5147		
8	Tensile Strength 23+/-2 °C (N/5 cm), Longitudinal, Transverse	800	850	ASTM D 5147	±20 %	EN 12311-1
		650	700	ASTM D 146		
8	Tensile Strength 23+/-2 °C (KN/m), Longitudinal, Transverse	16	17	ASTM D 5147	±20 %	EN 12311-1
		13	14	ASTM D 146		
9	Elongation, %23+/-2 °C Longitudinal, Transverse	45	45	ASTM D 5147	±15 %	EN 12311-1
		50	50	ASTM D 146		
10	Tear Strength (N) Longitudinal, Transverse	600	600	ASTM D 4073		
		400	400			
11	Lap joint Strength(N) Longitudinal, Transverse	800	850	ASTM D 5147		
		650	700			
12	Heat Resistance at 120 °C	No Flow		ASTM D 5147		
13	Puncture resistance @ N	800		ASTM E 154		
14	Resistance of water pressure	No Leakage		DIN 52123		
15	Water Absorption, %	<0.15		ASTM D 5147		
16	Resistance to aging & ultra violet (U.V) (Weather-O-meter, 2000hrs)	NO CHANGE Greater then 20% of the Original Values		ASTM D 4799		

DESCRIPTION

SABIT PLASTOFLEX - SPF is the Ultimate Waterproofing Membrane. The multilayered design consist of non-woven polyester core, impregnated and coated on both sides with APP (Atactic



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