

SABIT ELASTOFLEX-SEFP

INTRODUCTION

SABIT ELASTOFLEX SEFP is a superior flexibility **SBS (Styrene-Butadiene-Styrene)** polymer modified membrane, which is straight bitumen modified with SBS, consisting of a central non-woven polyester core, impregnated and coated on both sides with layers of SBS polymer modified bitumen and finished with heat fusible polyethylene film on both surfaces.

TECHNICAL DATA

	Properties	Typical Result		Test Method	Tolerance	Method
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 ²	4 or 5	4 or 5	ASTM D 5147	±10%	EN 1849-1
4	Carrier Polyester, g/m ²	180	200	UEAtc, M.O.A.T.30		
5	Softening Point (°C)	>110	>110	ASTM D 36		
6	Penetration at 25°C, dmm	30-40	30-40	ASTM D 5		
7	Cold Flexibility - °C	-18 to -20		ASTM D 5147		
	Tensile Strength 23+/-2 °C (N/5cm), Longitudinal, Transverse	750 550	800 650	ASTM D 5147 ASTM D 146	±20 %	EN 12311-1
8	Tensile Strength 23+/-2 °C (KN/m), Longitudinal, Transverse	15 11	16 13	ASTM D 5147 ASTM D 146	±20 %	EN 12311-1
11	Elongation,%23+/-2 °C Longitudinal, Transverse	40 50	45 50	ASTM D 5147	±15 %	EN 12311-1
12	Tear Strength (N) Longitudinal, Transverse	500 350	600 400	ASTM D 4073		
13	Lap joint Strength(N) Longitudinal, Transverse	750 500	800 650	ASTM D 5147		
14	Heat Resistance at 105 °C	No Flow		ASTM D 5147		
15	Puncture resistance @ N	800		ASTM E 154		
16	Resistance of water pressure	No Leakage		DIN 52123		
15	Water Absorption, %	<0.15		ASTM D 5147		
18	Compound stability, ° Cminimum	1		ASTM D 6222		
19	Moisture Content, % maximum	1		ASTM D 6222		
	Low temperature unrolling, ° C, maximum	5		ASTM D 6222		

DESCRIPTION

SABIT ELASTOFLEX SEFP is the Ultimate Waterproofing Membrane. The multilayered design consists of non-woven polyester core, impregnated and coated on both sides with SBS (Styrene-Butadiene-Styrene) modified bitumen and finally finished with heat fusible polyethylene film on both surfaces. **SABIT ELASTOFLEX SEFP** modified bituminous waterproofing membrane are produced from a blend of special grade of synthetic rubber and bitumen. This combination increases the degree of elasticity, excellent resistance to heat, ageing & weathering, and ease of application by torch welding. The polyester core gives the membrane high tensile strength, elongation and superior lap joint strength.



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