

SABIT SPG

INTRODUCTION

SABIT SPG is the modified bituminous waterproofing membrane, consisting of a central glass fiber 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

	Properties	Typical Result	Test Method	Tolerance	Method
1	Roll size, m	10	ASTM D 5147	≥	EN 1848-1
2	Thickness, mm	3 or 4	ASTM D 5147	±5%	EN 1849-1
3	Unit Weight (Plain), kg/m ²	3 or 4	ASTM D 5147	±10%	EN 1849-1
4	Carrier Glass Fiber, g/m ²	55	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	0 to -2	ASTM D 5147		
8	Tensile Strength 23±2 °C (N/5cm), Longitudinal,	300	ASTM D 4601	±20 %	EN 12311-1
		Tansverse 200			
9	Elongation,%23±2 °C Longitudinal,	3.5	ASTM D 5147	±15 %	EN 12311-1
		Tansverse 3			
10	Tear Resistance (N) Longitudinal,	320	ASTM D 4073		
		Tansverse 250			
11	Lap joint Strength(N) Longitudinal,	300	ASTM D 5147		
		Tansverse 250			
12	Heat Resistance at 110 °C	No Flow	ASTM D 5147		
13	Puncture resistance @ N	400	ASTM E 154		
14	Resistance of water pressure	No Leakage	DIN 52123		
15	Water Absorption, %	<0.15	ASTM D 5147		

DESCRIPTION

SABIT SPG is the Ultimate Waterproofing Membrane. The multilayered design consist of glass fiber core, impregnated and coated on both sides with APP (Atactic Polypropylene Polymer) modified bitumen and finally finished with heat fusible polyethylene film on both surfaces. **SABIT SPG** modified bituminous waterproofing membrane are produced from a blend of special grade thermoplastic polymers and bitumen. This combination gives the proven waterproofing qualities of bitumen plasticity, 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.

SABIT SPG is available in two basic finishes:

- Finish with polyethylene surfaces for covered application **SABIT SPG**
- Granular surfacing for exposed application **SABIT SPG-G**



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