

SABIT MasterProof- SMP

INTRODUCTION

SABIT MasterProof -SMP is the new generation polymer modified bituminous waterproofing membrane, consisting of a central non-wovenpolyester 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	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/m2	4 or 5	4 or 5	ASTM D 5147	±10	EN 1849-1
4	Carrier Polyester, g/m2	180	200	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	-2 to -5		ASTM D 5147		
8	Tensile Strength 23+/-2 °C (N/5cm), Longitudinal,	750	800	ASTM D 5147	±20 %	EN 12311-1
		550	650	ASTM D 146		
	Tensile Strength 23+/-2 °C (KN/m), Longitudinal,	15	16	ASTM D 5147	±20 %	EN 12311-1
		11	13	ASTM D 146		
9	Elongation,%23+/-2 °C Longitudinal,	40	45	ASTM D 5147	±15 %	EN 12311-1
		40	50	ASTM D 146		
10	Tear Strength (N) Longitudinal,	500	600	ASTM D 4073		
		350	400			
11	Lap joint Strength(N) Longitudinal,	750	800	ASTM D 5147		
		500	650			
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		

DESCRIPTION

SABIT MasterProof -SMP is the Ultimate Waterproofing Membrane. The multilayered design consist of non-wovenpolyester 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 MasterProof -SMP** 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.



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