

BETAGUM 4250

DESCRIPTION

BETAGUM 4250 is a plastomeric bituminous waterproofing membrane obtained from distilled asphalt modified with thermoplastic resins (APP , IPP). The membrane is reinforced by a non woven polyester 250 gr/m². Both surfaces of the membrane are covered by a plastic film easily torched.

PHYSICAL AND CHEMICAL CHARACTERISTICS

Bituminous Compound

- good high temperature resistance
- resistant to ultraviolet rays
- absolute watertightness
- good resistance to acids and alkalis

Non-woven polyester

- good puncture resistance
- good tensile strength and elongation
- tear resistant
- water resistant

TECHNICAL CHARACTERISTICS

PROPERTIES	METHOD	UNIT	RESULTS
Roll length	UEAtc	m	10
Roll width	UEAtc	m	1
Overall thickness	UEAtc	mm	4.0
Tensile strength	UEAtc		
Longitudinal		N/5cm	900
Transversal		N/5cm	700.
Elongation at break	UEAtc		
Longitudinal		%	45
Transversal		%	50
Tensile Tear Resistance	ASTM D5147		
Longitudinal		N	650
Transversall		N	500
Static puncture resistance	UEAtc	L	4
Dynamic puncture resistance	UEAtc	I	4
Heat resistance	UEAtc	°C	120
Cold flexibility	EN 1109	°C	-2 to -6
Softening point	ASTM D36	°C	>155
Penetration at 25 °C	ASTM D5	dmm	22 ± 4

NOTES:

- Above results are based on 4mm membrane.
- Tolerance within 20% of the above results for mechanical characteristics complies with the tolerance specification of (ASTM, EN).
- Due to constant product improvements Sindbad company reserves the right to change above values without advance notice.

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