

BETAGUM 4200

DESCRIPTION			
<p>BETAGUM 4200 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 200 gr/m². Both surfaces of the membrane are covered by a plastic film easily torched.</p>			
PHYSICAL AND CHEMICAL CHARACTERISTICS			
<p>Bituminous Compound</p> <ul style="list-style-type: none"> - good high temperature resistance - resistant to ultraviolet rays - absolute watertightness - good resistance to acids and alkalis 			
<p>Non-woven polyester</p> <ul style="list-style-type: none"> - 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	850
Transversal		N/5cm	700.
Elongation at break	UEAtc		
Longitudinal		%	45
Transversal		%	50
Tensile Tear Resistance	ASTM D5147		
Longitudinal		N	650
Transversal		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 -4
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.



Under License
ENERGY PROJECTS
DEVELOPMENT U.K.
www.epd-group.com



MEMBER OF THE INTERNATIONAL
WATERPROOFING ASSOCIATION



ISO 9001 : 2008
BUREAU ASSESSMENT SERVICE



MEMBER OF NATIONAL ROOFING
CONTRACTORS ASSOCIATION OF USA