

Fibertex AM-2 SA

PRODUCT DATA SHEET



Fibertex AM-2 SA is a flexible pre-compressed needle punched non-woven fabric made from polypropylene fibres. The product is used to avoid reflective cracking of new asphalt and to protect the subsoil by acting as a moisture barrier from water intrusion. This product helps reduce the loss of bearing capacity. Fibertex is highly durable and resistant to all natural occurring soil alkalis and acids.

PHYSICAL PROPERTIES				
Thickness	At 2 kPa	mm	1.9	SANS 9863:2013
Melting Point		°C	165	ASTM D-276
MECHANICAL PROPERTIES				
Static Puncture Strength	CBR Test	N	1 400	SANS 12236:2013
Elongation at break		%	>45	SANS 12236:2013
Tensile Strength	MD/CMD	kN/m	7/8	SANS 1525:2013
Elongation at Break		%	>45	SANS 1525:2013
G Value (Robustness)	Refer to Note 1		1 500	NSW RTA R63.
Bitumen Retention	Refer to Note 2	l/m ²	1.35	ASTM D-6140
Dynamic Cone Drop		mm	17	SANS 13433:2013
ROLL DIMENSIONS				
Widths	Maximum	m	5.2	
Length		m	125	

NOTES

- The G Value (Robustness) Geotextile Strength Rating classifies the robustness through the geometric mean calculated from the Penetration Load (CBR Plunger Test) and the Puncture Resistance (Drop Cone Test)
 $G = (L \times h50)0.5$
L = Load (N) on the CBR plunger test at failure as per test method SANS 12236:2013, and H50 = Drop Height (mm) required to make a 50mm diameter hole as per Test method SANS 13433:2013
- The Bitumen Retention value is determined using a Penetration Grade 80/100 Bitumen

Fibertex geotextiles are manufactured to ISO 9001:2015 quality management procedures. Above technical values based on measurements in current production test results. Fibertex reserve the right to make changes without notice. Contact salesza@fibertex.com for latest version.

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