



**Fibertex AM-2 sa** is a flexible pre-compressed needle punched non-woven fabric made from polypropylene fibres with added thermal bonding on one side. The product is used to avoid reflective cracking of new asphalt and to protect the subsoil from water intrusion and thereby loss of bearing capacity. Fibertex is highly durable and resistant to all natural occurring soil alkalis and acids.

## SPECIFICATIONS

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	7.0/8.0	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 <sup>2</sup>	1.35	ASTM D-6140
Dynamic Cone Drop		mm	17	SANS 13433:2013
Roll Dimensions				
Widths	Maximum	m	5.2	
Length		m	125	
Roll Diameter	Approx.	cm	45	

### 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)

$$G = (L \times h_{50})^{0.5}$$

L = Load (N) on the CBR plunger test at failure as per test method SANS 12236:2013, and  
 H<sub>50</sub> = 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 9001:2008 quality management procedures.  
 The above values represent Typical values based on current production test results.

The information contained in this publication is provided in good faith and to the best of our knowledge is true and accurate.  
 Fibertex South Africa reserves the right to make technical modifications to their products without notice.

KZN: (T) +27 (0)31 736 7100  
 (E) salesza@fibertex.com

GAUTENG: (T) +27 (0)11 965 0205  
 (E) tenders@geotextilesafrica.co.za

W CAPE: (T) +27 (0)21 701 3569  
 (E) adminct@geotextilesafrica.co.za



[www.fibertex.com](http://www.fibertex.com) / [www.geotextilesafrica.co.za](http://www.geotextilesafrica.co.za)

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