

## TECHNICAL DATA SHEET

Reference No: DS ROAD 0459-06/2013

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Product Name 

Description Sealmac is a nonwoven continuous filament polyester Paving Fabric

Thickness	Under 2 kPa	mm	1.4	SANS 10221
Tensile Strength	Machine	kN/m	9	SANS 10221
	Across	kN/m	8	
	Elongation	%	40 - 60	
Tear Strength	Minimum	N	215	ASTM D4533
Grab Strength	Minimum	N	390	ASTM D4632
Penetration Load	CBR	kN	1.5	SANS 10221
Puncture Resistance	Diameter of hole	mm	28	ISO 13433
Melting Point		°C	> 215	ASTM D7318
Bitumen Retention	Pen Grade 80/100	l/m <sup>2</sup>	≥ 1.20	ASTM D6140
Density of Polyester	at 20°C	kg/m <sup>3</sup>	1380	
UV Light Stability	Retained strength after 1 000 hours exposure		> 70%	ASTM D4355

### The above results represent laboratory averages

Nonwoven – High throughflow and excellent filtration

Continuous Filament – High isotropic strength

Needlepunched – High elongation

Polyester – Superior chemical resistance

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