

TECHNICAL DATA SHEET

Reference No: DS ROAD 0805-02/2018

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Product Name



Description Sealmac is a nonwoven continuous filament polyester Paving Fabric

Thickness	Under 2 kPa	mm	1.4	SANS 9863-1:13 ISO 9863-1:08
Tensile Strength	Machine	kN/m	9	SANS 1525:13 ISO 10319:08
	Across	kN/m	8	
	Elongation	%	50 – 70	
Tear Strength	Minimum	N	215	ASTM D4533
Grab Strength	Minimum	N	390	ASTM D4632
Penetration Load	CBR	kN	1.5	SANS 12236:13 ISO 12236:06
Puncture Resistance	Diameter of hole	mm	28	SANS 13433:13 ISO 13433:06
Melting Point		°C	> 215	ASTM D7318
Bitumen Retention	Pen Grade 80/100	ℓ/m ²	≥ 1.20	ASTM D6140

The above results represent laboratory averages

Continuous Filament – High isotropic strength

Needlepunched – High elongation

Polyester – Superior chemical resistance

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