

PaveMatt 140

Nonwoven Asphalt Overlay Fabric

Rev02: Jan-2015

PaveMatt is manufactured from 100% virgin polypropylene (PP) polymer and are UV stabilized. **PaveMatt** (when installed on a bituminous tack coat) performs as a Stress Absorbing Membrane Interlayer (SAMI). The **PaveMatt** inhibits the upward migration of cracks from the underlying pavement into the overlay. **PaveMatt** delays reflective cracking. The unique manufacturing technique of **PaveMatt** gives the critical bitumen retention between the old and the new surfacing layers.

TECHNICAL DATA SHEET

MECHANICAL PROPERTIES	TEST	UNIT	PM140
Tensile Strength - MD	EN ISO 10319	kN/m	8
Tensile Strength - XD	EN ISO 10319	kN/m	8
Elongation at break - MD	EN ISO 10319	%	45
Elongation at break - XD	EN ISO 10319	%	50
ASPHALT RETENTION PROPERTIES	TEST	UNIT	PM140
Asphalt Retention	-	g/m ²	900 ⁻³
Melting Point	-	°C	160
PHYSICAL PROPERTIES	TEST	UNIT	PM140
Polymer Type	100% Virgin Polypropylene		
Thickness under 2 kPa	EN ISO 9863-1	mm	1.10
Mass per Unit Area	EN ISO 9864	g/m ²	140
Roll Width x Length	-	m x m	5.9 x 275
40'HC Container Load (+/- 10%)	-	m ²	58,410
Colour	White	This allows the installer to visually check that the correct quantity of tack coat has been absorbed during the installation process.	
DURABILITY			
UV Protection	Product is UV stabilized. Prolonged exposure to direct sunlight may cause strength losses. Geotextiles should be covered within 2 weeks of installation. > 50% remaining strength after 500 hrs, ASTM D4355.		
Oxidation Resistance	EN ISO 13438	Excellent	
Chemical Resistance	EN 14030	Excellent	
Microbiological Resistance	EN 12225	Excellent	

Notes:

1. The manufacturer reserves the right to alter product specifications without prior notice.
2. Installation details and storage guidelines are available on request.
3. This document should not be construed as engineering advice.

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