

MIRAGRID PGM 14

MIRAGRID® PGM 14 is a mechanically bonded paving fabric made from 100% PP continuous filaments. In conjunction with a bitumen layer it acts as a barrier to the ingress of water and delays the deterioration of the pavement. PGM 14 is characterised by optimum bitumen storage capacity and was especially developed for new asphalt road construction, rehabilitation of older roads and conforms to EN 15381. The main functions are stress relief (STR) and sealing (B). The product is used between asphalt layers, or applied directly on concrete surfaces or cement stabilised layers.



Properties	Test method	Unit	PGM 14
Functions	EN 15381	-	STR + B
Type of product	Mechanically bonded continuous filament nonwoven		
Raw material	100% polypropylene, UV stabilized		
Tensile strength (MD/CMD)	EN ISO 10319	kN/m	9
Elongation at break	EN ISO 10319	%	90
Grab tensile strength	ASTM D 4632	N	520
Grab elongation	ASTM D 4632	%	> 50
Bitumen retention	EN 15381	kg/m ²	1.1
	<i>Bitumen required to saturate paving fabric only. Value does not indicate the bitumen application rate required for construction.</i>		
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Mass per unit area	EN ISO 9864	g/m ²	140
Melting point	EN 3146	°C	165
Form of Supply			
Width		m	1.00 / 1.90 / 3.00 / 3.80
Length		m	150
Area		m ²	150 / 285 / 450 / 570
Roll weight		kg	24 / 45 / 71 / 90
Rolls per pallet		-	12 / available as single rolls
Roll diameter		m	0.50
Inner core diameter		m	0.12

Notes

* MD = Machine Direction / CMD = Cross Machine Direction STR = Stress Relief / B = Barrier

The values are average values obtained in our laboratories and in accredited institutes. The information given in this datasheet is to the best of our knowledge true and correct. However, new research results and practical experience can make revisions necessary. The right is reserved to make any change without notice at any time. No guarantee or liability can be drawn from the information mentioned herein.

The rolls must be kept in dry place! Guidelines must be observed.

100 % recyclable with conventional methods

Certification and Accreditation



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