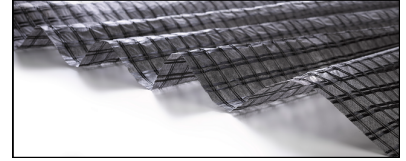


MIRAGRID PGL-G

MIRAGRID® PGL-G paving composites are made of a lightweight non-woven which is reinforced by a coated high strength glass filament grid. PGL G was specifically developed for the reinforcement of asphalt surface courses. Its function is to retard and prevent reflective cracking of new installed asphalt surfaces. The main function is Reinforcement (R). The product is applied directly on asphalt concrete surfaces or on cement stabilized layers.



Properties	Test method	Unit	PGL-G 50/50	PGL-G 100/100
Functions	EN 15381	-	R	R
Type of product	Asphalt reinforcing grid consisting of a lightweight PP non-woven and a coated glass filament grid.			
Raw material	100% polypropylene, and alkali resistant glass filaments, polymeric coating.			
Tensile strength (MD*)	EN ISO 10319	kN/m	50	100
Tensile strength (CMD*)	EN ISO 10319	kN/m	50	100
Elongation at break (MD*)	EN ISO 10319	%	3	3
Elongation at break (CMD*)	EN ISO 10319	%	3	3
E-Modulus (glass)		MPa	80 000	80 000
Mesh size (indicative)	MD/CMD	mm	25 / 25	25 / 25
Mass per unit area	EN ISO 9864	g/m²	220	390
Melting point	EN 3146	°C	400	400
Form of Supply				
Width		m	2.2 / 4.4	2.2 / 4.4
Length		m	100	100
Area		m²	220 / 440	220 / 440
Roll weight		kg	56 / 100	88 / 175
Roll diameter		m	0.28	0.28
Inner core diameter		m	0.12	0.12

Notes

* MD = Machine Direction / CMD = Cross Machine Direction R = Reinforcement

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.

100 % recyclable with conventional methods

Certification and Accreditation



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