

AdComp PGM-G 100/100 E

PART OF THE ADCOMP PGM-G RANGE

PGM-G paving composites are made of mechanically bonded 100% PP continuous filament nonwoven reinforced by an alkali-resistant glass filament grid. The product is bituminous coated during the installation process. PGM-G grades were especially developed for new asphalt road construction, rehabilitation of older roads and conform to EN 15381. The main functions are Stress Relief (STR), Sealing (B) and Reinforcement (R). The products are used between asphalt layers or applied directly on concrete surfaces or on cement stabilized layers

PGM-G 100/100 E		STANDARD	UNIT	PGM-G 100/100 E	
PROPERTIES					
Functions		EN 15381		STR + B + R	
Type of product		Asphalt Geocomposite, mechanically bonded continuous filament non woven with glass filament reinforcement			
Raw material		100% polypropylene, UV stabilised and alkali resistant glass filaments			
Tensile strength	MD*/CD*	EN ISO 10319	kN/m	100/100	
Tensile strength at 1 %	MD*/CD*	EN ISO 10319	kN/m	50/50	
Elongation at break		EN ISO 10319	%	2	
Bitumen retention**		EN 15381	kg/m ²	0.7	
E-Modulus (glass)			MPa	81000	
Aperture size			mm	18 x 18	
Total mass per unit area		EN ISO 9864	g/m ²	500	
Melting point		EN ISO 3146	Glass filaments are incombustible and temperature resistant up to 400° C		
FORMS OF SUPPLY					
Width			m	0.95	1.9
Length			m	100	100
Area			m ²	95	190
Roll weight (+/- 10%)			kg	60	110
Rolls per pallet				15	15
Roll diameter			m	0.4	0.4
Inner core diameter			m	0.12	0.12
Recycling		100% recyclable with conventional methods			



* MD = Machine Direction * CD = Cross Direction

** Bitumen required to saturate paving fabric only. This value does not indicate the bitumen application rate required for construction.

The values given are indicative and correspond to average values obtained in our laboratories and independent testing institutes. The right is reserved to make changes without notice at any time. The rolls must be kept in dry place! Installation Guidelines must be observed!



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