

PGM 14

Technical Data

TenCate Polyfelt® 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. TenCate Polyfelt® 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.



TenCate Polyfelt® PGM 14

Properties	Standard	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/cd)	EN ISO 10319	kN/m	9			
Elongation at break	EN ISO 10319	%	55			
Grab tensile strength	ASTM D 4632	N	520			
Grab elongation	ASTM D 4632	%	>50			
Bitumen retention*	EN 15381	kg /m ²	1.0			
*Bitumen required to saturate paving fabric only. Value does not indicate the bitumen application rate required for construction.						
E-Modulus		MPa	12 000			
Mass of paving fabric	EN ISO 9864	g/m ²	140			
Melting point	EN ISO 3146	°C	165			
Forms of Supply						
Width		m	1.00	1.90	3.00	3.80
Length		m	150	150	150	150
Area		m ²	150	285	450	570
Roll weight		kg	26	46	72	92
Rolls per pallet		-	12		available as single rolls	
Roll diameter		m	0.50	0.50	0.50	0.50
Inner core diameter		m	0.12	0.12	0.12	0.12
Recycling			100% recyclable with conventional methods			

The values given are indicative and correspond to average values obtained in our laboratories and in 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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