

# PGM-G 100/200

## Technical Data

PGM-G paving composites are made of mechanically bonded 100% PP continuous filament nonwoven characterised by optimum bitumen storage capacity and reinforcement by an alkali resistant glass filament grid.

PGM-G grades were specially 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 stabilised layers.



TenCate Polyfelt® PGM-G

Properties	Standard	Unit	PGM-G 100/200	
<b>Functions</b>	<b>EN 15381</b>		<b>STR + B + R</b>	
Type of product			Asphalt Geocomposite mechanically bonded continuous filament non-woven + glass filament reinforcement	
Raw material			100% polypropylene, UV stabilised and alkali resistant glass filaments	
Tensile strength	MD* / CD*	EN ISO 10319	kN/m	100 / 200
Tensile strength at 2%	MD* / CD*	EN ISO 10319	kN/m	85 / 160
Elongation at break		EN ISO 10319	%	3
Bitumen retention**		EN 15381	kg/m <sup>2</sup>	1.1
**Bitumen required to saturate paving fabric only. This value does not indicate the bitumen application rate required for construction.				
E-Modulus (glass)			MPa	81,000
Aperture size (MD/CMD, appr.)			mm	21 / 15
Mass of non woven		EN ISO 9864	g/m <sup>2</sup>	140
Total Mass per unit area		EN ISO 9864	g/m <sup>2</sup>	800
Melting point		EN ISO 3146		Glass filaments are incombustible and Temperature resistant up to 400° C
<b>Forms of Supply</b>				
Width			m	0.95      1.90
Length			m	75          75
Area			m <sup>2</sup>	71.25      142.5
Roll weight (+ - 10%)			kg	54          105
Rolls per pallet				12          12
Roll diameter			m	0.43      0.43
Inner core diameter			m	0.12      0.12
Recycling				100% recyclable with conventional methods

\* MD = Machine Direction \* CD = Cross Direction

These 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!**

### TenCate Geosynthetics Austria GMBH

Schachermayerstrasse 18 – A – 4021 Linz, Austria  
Tel. +43 732 6983 0, Fax +43 732 6983 5353  
service.at@tencategeo.com, www.tencategeo.com

**BelleLux** Tel. +31 546 544 811 service.nl@tencategeo.com  
**Central Eastern Europe** Tel. +43 732 6983 0 service.at@tencategeo.com  
**Czech Republic** Tel. +420 2 2425 1843 service.cz@tencategeo.com  
**France / Africa** service.fr@tencategeo.com  
**Germany** Tel. +49 6074 3751 50 service.de@tencategeo.com  
**Italy** Tel. +39 0362 34 58 11 service.it@tencategeo.com  
**Near Middle East** Tel. +971 4810 3296 service.nme@tencategeo.com

**Poland** Tel. +48 12 268 8375 service.pl@tencategeo.com  
**Romania** Tel. +40 21 322 06 08 service.ro@tencategeo.com  
**Russia / CIS** Tel. +43 732 6983 0 service.ru@tencategeo.com  
**Scandinavia / Baltics** Tel. +46 767801690 service.dk@tencategeo.com  
**Spain / Portugal** Tel. +34 91 650 6461 service.es@tencategeo.com  
**UK / Ireland** Tel. +44 1952 588 066 service.uk@tencategeo.com

TenCate Geosynthetics Austria Gesm.b.H, TenCate Geosynthetics France S.A.S and TenCate Geosynthetics Netherlands b.v. are certified for the design, manufacturing and sales of geotextile and geotextile related products.

com – GM 04.2018 – V1



Quality - Environment - Safety  
ISO 9001  
ISO 14001  
OHSAS 18001  
www.dekra-euro.com



0799-CPD-

Protective Fabrics  
Space Composites  
Aerospace Composites  
Advanced Armour

Geosynthetics  
Grass

### UK SUPPLIER DETAILS



ASPHALT  
GRID SYSTEMS

asphaltgridsystems.co.uk

T 0114 2830716

M 07723 854942

E info@asphaltgs.co.uk