

TenCate Miragrid GX

Technical Data

TenCate Miragrid GX biaxial geogrids are engineered materials suitable for subgrade stabilisation and base reinforcement applications. They are composed of high modulus polyester fibres, knitted in a flat orientation and covered with a protective polymeric coating.



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Properties <small>[Standard]</small>	Unit		GX 20/20	GX 35/35	GX 55/55	GX 80/80
Mechanical Properties						
Tensile strength <small>[EN ISO 10319]</small>	MD	kN/m	21	38	58	84
		min kN/m	20	35	55	80
	CD	kN/m	21	38	58	84
		min kN/m	20	35	55	80
Elongation at nominal strength <small>[EN ISO 10319]</small>	MD	%	10.5	10.5	10.5	10.5
		CD	%	10	10	10
Tensile strength at 2% 3% 5% <small>[EN ISO 10319]</small>	MD & CD	kN/m	4	7	10	15
		kN/m	5	9	13	19
		kN/m	7	13	17	27
		kN/m	7	13	17	27
Mesh size <small>[+/- 5 mm]</small>	MD	mm	25	25	25	25
		CD	mm	25	25	25
Forms of Supply						
Roll width		m	5.2	5.2	5.2	5.2
Roll length		m	100	100	100	100
Roll weight <small>[+/- 10%]</small>		kg	100	145	200	300

MD = machine direction / CD = cross direction

min: These values are given within the 95% confidence level.

For information concerning long term design strength, friction behaviour or other product properties please contact TenCate Geosynthetics.

The values given are average values obtained in our laboratories and in accredited testing 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 changes without notice at any time. No guarantee or liability can be drawn from the information mentioned herein.

TENCATE GEOSYNTHETICS AUSTRIA GMBH

Schachermayerstr. 18
A-4021 Linz, Austria
Tel. +43 732 6983 0, Fax +43 732 6983 5353
service.at@tencate.com, www.tencategeosynthetics.com

BeNeLux Tel. +31 546 544 811 service.nl@tencate.com
Central Eastern Europe Tel. +43 732 6983 0 service.at@tencate.com
Czech Republic Tel. +420 2 2425 1843 service.cz@tencate.com
France / Africa Fax +33 1 34 23 53 48 service.fr@tencate.com
Germany Tel. +49 6074 3751 61 service.de@tencate.com
Italy Tel. +39 0362 34 58 11 service.it@tencate.com
Near Middle East Tel. +971 4810 3295 service.nme@tencate.com

Poland Tel. +48 12 268 8375 service.pl@tencate.com
Russia / CIS Tel. +43 732 6983 0 service.ru@tencate.com
Scandinavia / Baltics Tel. +31 546 544 811 geonordic@tencate.com
Spain / Portugal Tel. +34 607 499 962 service.es@tencate.com
Turkey Tel. +43 732 6983 0 service.tr@tencate.com
UK / Ireland Tel. +44 1952 588 066 service.uk@tencate.com



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