

# 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.



TenCate Miragrid GX

Properties <small>[Standard]</small>	Unit	GX 20/20	GX 35/35	GX 55/55	GX 80/80	
<b>Mechanical Properties</b>						
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	10
Tensile strength at 2% 3% 5% <small>[EN ISO 10319]</small>	MD & CD	kN/m	4	7	10	15
	MD & CD	kN/m	5	9	13	19
	MD & CD	kN/m	7	13	17	27
Mesh size <small>[indicative]</small>	MD	mm	25	25	25	25
	CD	mm	25	25	25	25
<b>Forms of Supply</b>						
Roll width		m	5.2	5.2	5.2	5.2
Roll length		m	100	100	100	100
Roll weight <small>[indicative]</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 Tel. +43 732 6983 0, Fax +43 732 6983 5353  
A-4021 Linz, Austria 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 30 3435 02 10 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 5983 0 service.tr@tencate.com  
**UK | Ireland** Tel. +44 1952 588 066 service.uk@tencate.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.



502 169 | 04.2017 | EN | D.J.S.H

Protective Fabrics  
Outdoor Fabrics  
Aerospace Composites  
Advanced Armour

Geosynthetics  
Grass