

# MIRAGRID GX

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 coating.



Properties	Test method	Unit	GX 20/20	GX 30/30	GX 35/35	GX 40/40	GX 55/55	GX 80/80
<b>Mechanical Properties</b>								
Tensile strength (MD*)	EN ISO 10319	kN/m	21	32	37	42	58	84
<i>Tensile strength (min)</i>	<i>EN ISO 10319</i>	<i>kN/m</i>	<i>20</i>	<i>30</i>	<i>35.2</i>	<i>40</i>	<i>55.1</i>	<i>80</i>
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Elongation at nominal strength (MD*)	EN ISO 10319	%	10.5	10.5	10.5	10.5	10.5	10.5
Elongation at nominal strength (CMD*)	EN ISO 10319	%	10	10	10	10	10	10
Tensile strength at 2% (MD/CMD)	EN ISO 10319	kN/m	4	6	7	8	10	15
Tensile strength at 3% (MD/CMD)	EN ISO 10319	kN/m	5	7	9	11	13	19
Tensile strength at 5% (MD/CMD)	EN ISO 10319	kN/m	7	11	12	17	17	27
Mesh size (indicative)	MDxCMD	mm	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25
<b>Form of Supply</b>								
Width		m	5.2	5.2	5.2	5.2	5.2	5.2
Length		m	100	100	100	100	100	100
Roll weight		kg	95	125	141	167	204	295

**Notes**

\* MD = Machine Direction / CMD = Cross Machine Direction  
 Min: These values are given within the 95% confidence level

GX 40/40 is not BBA certified.

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

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

**Certification and Accreditation**



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