

Stratec 20/20 Geogrid

Stratec 30/30 Geogrid

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

Properties [Standard]		Unit	GX 20/20	GX 30/30	GX 40/40
Mechanical Properties					
Tensile strength	MD	kN/m	21	32	42
[EN ISO 10319]	min	kN/m	20	30	40
	CD	kN/m	21	32	42
	min	kN/m	20	30	40
Elongation at nominal strength	MD	%	10.5	10.5	10.5
[EN ISO 10319]	CD	%	10	10	10
Tensile strength at					
2%	MD & CD	kN/m	4	6	8
3%	MD & CD	kN/m	5	7.5	11
5%	MD & CD	kN/m	7	11	17
[EN ISO 10319]					
Mesh size [indicative]	MD	mm	25	25	25
	CD	mm	25	25	25
Forms of Supply					
Roll width		m	5.2	5.2	5.2
Roll length		m	100	100	100
Roll weight [indicative]		kg	100	125	165

MD = machine direction / CD = cross direction

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

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