

Technical Data Sheet

Geogrid SG50

Geogrid SG (Stone Grid) is used in the Safefloor STRONGBASE system but can be used in many applications where a reinforcement mesh is needed, for instance in asphalt or general resin-bound stone surfaces.

It is a high-strength, open fiberglass grid, produced in a stable knitted structure and finished with a durable polymer coating. All components are UV-stabilized and resistant to the chemicals typically found in natural soil.

Geogrid SG meets the property values shown below, based on quality compliance testing carried out by a laboratory.

Property	Unit	SG50	Test Method
Tensile Strength (MD x XD) Ultimate	kN/m	(55 x 55) - 5	EN ISO 10319
Tensile Elongation Ultimate	%	2,5 ± 0,5	EN ISO 10319
Mass per Unit Area	g/m ²	195	EN ISO 9864
Melting Point Coating	°C	>232	EN ISO 3146
Grid Size (Centre to Centre of Strand)	mm	25 x 25	
Standard Roll Length	m	150	
Standard Roll Width	m	1 - 3	
Roll Area	m ²	150 - 450	
Material	Fiberglass reinforcement with polymer based coating		

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