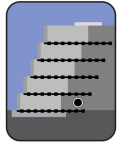




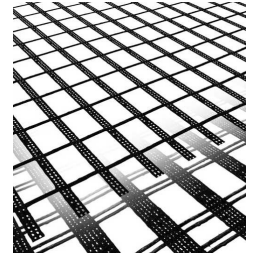
SGB80

Bi-Axial Knitted Geogrid

RETAINING WALL



STRATAGRID SGB80 is engineered to be mechanically and chemically durable, in both the harsh construction installation phase and in aggressive soil environments (pH range from 3-9). STRATAGRID SGB80 meets the following properties:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	<u>ASTM D-6637</u>	5,480 x 5,480 lbs/ft	80.01 x 80.01 kN/m
Creep Limited Strength		3,779 lbs/ft	55 kN/m
(LTDS) Long Term Design Strength (sand/silt/clay)		3,123 x 3,123 lbs/ft	46 x 46 kN/m
Partial Factor -Environmental Effects Environment, 3 < pH < 9	GRI-GG7, GRI-GG8)	1.1 RFd	1.1 RFd
Partial Factor -Installation Damage (sand/silt/clay)	ASTM D 5818	1.1 RFid	1.1 RFid
Reduction Factor - Creep @20°C, 114 years design life		1.45	1.45

SGB80 Shipping & Packaging Information

SIZE	WIDTH	AREA
5.3' x 340'	5.3'	200 y ²
8' x 340'	8'	302 y ²
16.4' x 328'	16.4'	598 y ²

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