

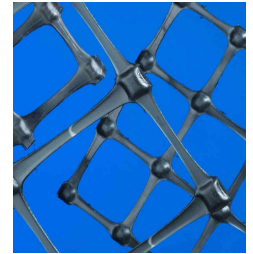


# BaseGrid 13

## Single Layer Bi-Axial Geogrids



BaseGrid 13 is an integrally formed, polypropylene, bi-axial geogrid with a load transfer mechanism of positive mechanical interlock. BaseGrid 13 is designed for base reinforcement and subgrade improvement. BaseGrid 13 meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Ultimate Tensile Strength	<a href="#">ASTM D-6637</a>	1,100 x 1,920 lbs/ft	16.05 x 28.02 kN/m
Tensile Strength @ 2% Strain	<a href="#">ASTM D-6637</a>	380 x 650 lbs/ft	5.5 x 9.5 kN/m
Tensile Strength @ 5% Strain	<a href="#">ASTM D-6637</a>	720 x 1,200 lbs/ft	10.5 x 17.5 kN/m
Junction Efficiency	GRI-GG2-05	93 %	93 %
Aperture Stability	USCOE Method	0.58 m-N/deg	0.58 m-N/deg
Resistance ID (SC-SW-GP)	<a href="#">ASTM D-5818/6637</a>	91 / 83 / 72 %	91 / 83 / 72 %
Resistance LT Deg	EPA 9090	100 %	100 %
Aperture Dimensions <span style="border: 1px solid gray; border-radius: 10px; padding: 2px;">Nominal</span>	Measured	1.8 x 2.5 inches	46 x 64 mm
Junction Strength	GRI GG2-01	156 x 276 lbs	0.69 x 1.23 kN
Minimum Rib Thickness <span style="border: 1px solid gray; border-radius: 10px; padding: 2px;">Nominal</span>	Measured	0.05 x 0.05 inches	1.27 x 1.27 mm
Overall Flexural Rigidity	<a href="#">ASTM D-7748/D7748M-14</a>	450,000 mg-cm	450,000 mg-cm
Resistance UV Deg @ 500 Hours	<a href="#">ASTM D-4355</a>	100 %	100 %

## BaseGrid 13 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
12.5' x 164'	12"	12.5'	108 lbs	227.78 y <sup>2</sup>	284

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