



BaseGrid 41

BaseGrid 41 is an integrally formed, polypropylene, bi-axial geogrid with a load transfer mechanism of positive mechanical interlock. BaseGrid 41 is designed for base reinforcement and subgrade improvement. BaseGrid 41 meets the following M.A.R.V. values except where noted:

Property	Test Method	English	Metric
Aperture Dimensions (Nominal)	Measured	1.3 x 1.3 inches	33 x 33 mm
Minimum Rib Thickness (Nominal)	Measured	0.03 x 0.03 inches	0.76 x 0.76 m
Tensile Strength @ 2% Strain	ASTM D-6637	270 x 380 lb/ft	4.0 x 5.5 kN/m
Tensile Strength @ 5% Strain	ASTM D-6637	550 x 720 lb/ft	8.0 x 10.5 kN/m
Ultimate Tensile Strength	ASTM D-6637	880 x 920 lb/ft	12.8 x 13.5 kN/m
Junction Efficiency	GRI-GG2-05	93%	93%
Flexural Stiffness	ASTM D-7748	250,000 mg-cm	250,000 mg-cm
Aperture Stability	USCOE Method (Torsional Rigidity)	0.28 m-N/deg	0.28 m-N/deg
Resistance to Installation Damage (SC-SW-GP)	ASTM D-5818/ASTM D-6637	90%SC/83%SW/70%GP	90%SC/83%SW/70%GP
Resistance to Long Term Degradation	EPA 9090	100%	100%
Resistance to UV Degradation @ 500 Hours	ASTM D-4355	100%	100%

Roll Size	Roll Diameter	Area	Weight
13.1' x 246'	12 in	359 sqy	115 lbs

This information is provided for reference only and is not intended as a warranty or guarantee. GeoCHEM, Inc. assumes no liability in connection with the use of this information (9/2016).

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