



BIAXIAL GEOGRID

DBX11

DBX11 is a polypropylene geogrid product that is intergrally formed into a biaxial geogrid.

DBX11 resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.



PROPERTY	MARV ENGLISH	MARV METRIC
Aperture Dimensions ²	1.0 in x 1.3 in	25 mm x 33 mm
Minimum Rib Thickness ²	.03 in x .03 in	.76 mm x .76 mm
Ultimate Tensile Strength ³	850 x 1,300 lbs/ft	12.4 x 19 kN/m
Tensile Strength at 2% Strain ³	280 x 450 lbs/ft	4.1 x 6.6 kN/M
Tensile Strength at 5% Strain ³	580 x 920 lbs/ft	8.5 x 13.4 kN/m
Junction Efficiency ⁴	93%	93%
Flexural Stiffness ⁵	250,000 mg-cm	250,000 mg-cm
Aperture Stability ⁶	.32 m-N/deg	.32 m-N/deg
Resistance to Installation Damage ⁷	95%SC/93%SW/90%GP	95%SC/93%SW/90%GP
Resistance to Long Term Degradation ⁸	100%	100%
UV Resistance (500 Hours) ⁹	100%	100%

Packaging

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	13.1 ft x 246 ft	4 m x 75 m

Note

1. The property values listed above are subject to change without notice.
2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
3. Maximum Average Roll Value (MaxARV)
4. At time of manufacturing. Handling may change these properties.

This information is provided for reference purposes only and is not intended as a warranty or guarantee.

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