

**Product Name:** **BX1515**  
**Product Type:** Integrally Formed Biaxial Geogrid  
**Polymer:** Polypropylene  
**Load Transfer Mechanism:** Positive Mechanical Interlock  
**Primary Applications:** Base Reinforcement, Subgrade Stabilization

**PRODUCT PROPERTIES<sup>1</sup>**

Index Properties	Test Method	Units	MD Values <sup>1</sup>	XMD Values <sup>1</sup>
» Aperture Dimensions		in (mm)	1.5 (38)	1.5 (38)
» Minimum Rib Thickness <sup>2</sup>		in (mm)	0.035 (.9)	0.025 (0.6)
» Tensile Strength @ 2% Strain	ASTM D6637	lb/ft (kN/m)	340 (5)	340 (5)
» Tensile Strength @ 5% Strain	ASTM D6637	lb/ft (kN/m)	750 (11)	750 (11)
» Ultimate Tensile Strength	ASTM D6637	lb/ft (kN/m)	1030 (15)	1030 (15)

**Structural Integrity**

» Junction Efficiency	ASTM D6637 & D7737	%	93
» Flexural Stiffness	ASTM D7748	mg-cm	250,000
» Aperture Stability <sup>3</sup>	USACOE Method	m-N/deg	0.38

**Durability**

» Resistance to Installation Damage	ASTM D6637 & D5818	%SC / %SW / %GP	95 / 93 / 90
» Resistance to Long Term Degradation	EPA 9090	%	100
» Resistance to UV Degradation	ASTM 4355	%	100

**Dimensions**

	Length (ft) (m)	Width (ft)
» *Standard Roll Sizes	328 (100)	13.1 (4)
» Custom Roll Sizes	328 (100)	16 (4.88)

**\*Roll Sizes Depend on Availability at Time of Order**

**Dimensions & Delivery**

The biaxial geogrid shall be delivered to the job site in roll form with each roll individually identified and nominally measuring 4m (13.1-FT) in width and 100m (328-FT) in length. **BASELOK™ GEOGRID** is also available in 16-FT width.

**Notes:**

1. Unless indicated otherwise, values shown are Minimum Average Roll Values (MARV) in accordance with ASTM D4759.
2. Nominal dimensions.
3. Resistance to in-plane rotational movement measured by applying a 20 kg-cm (2 N-m) moment to the central junction of a 9 inch x 9 inch specimen restrained at its perimeter in accordance with U.S. Army Corps of Engineers Methodology for measurement of Aperture Stability Modulus (Torsional Rigidity).



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