

Product Name:	BX2020
Product Type:	Integrally Formed Biaxial Geogrid
Polymer:	Polypropylene
Load Transfer Mechanism:	Positive Mechanical Interlock
Primary Applications:	Base Reinforcement, Subgrade Stabilization

PRODUCT PROPERTIES¹

Index Properties	Test Method	Units	MD Values ¹	XMD Values ¹
» Aperture Dimensions		in (mm)	1.5 (38)	1.5 (38)
» Minimum Rib Thickness ²		in (mm)	0.04 (1.1)	0.03 (0.8)
» Tensile Strength @ 2% Strain	ASTM D6637	lb/ft (kN/m)	450 (6.5)	450 (6.5)
» Tensile Strength @ 5% Strain	ASTM D6637	lb/ft (kN/m)	890 (13)	890 (13)
» Ultimate Tensile Strength	ASTM D6637	lb/ft (kN/m)	1,370 (20)	1,370 (20)
»				
Structural Integrity				
» Junction Efficiency	ASTM D6637 & D7737	%	93	
» Flexural Stiffness	ASTM D7748	mg-cm	700,000	
» Aperture Stability ³	USACOE Method	m-N/deg	0.45	
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 D4355	%	100	
Dimensions				
» *Standard Roll Sizes	246 (75)	Length (ft)	13.1 (4)	Width (ft)
» Custom Roll Sizes	246 (75)		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 75m (246-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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