

BX11BR (Biaxial Base Reinforcement) is a geogrid reinforcement for subsoils and roadway base materials to improve their long term stability in structural load bearing applications. BX11BR is manufactured with stress resistant polypropylene material. The geogrid is engineered to be both mechanically and chemically durable. Below are the Index Property test values. MADE IN THE USA.

### Minimum Average Roll Values

	<u>MD Values</u>		<u>XMD Values</u>	
<b>Ultimate Tensile Strength</b> ASTM D6637-lb/ft (kN/m)	850	(12.4)	1,300	(19.0)
<b>Tensile Strength at 2% Strain</b> ASTM	280	(4.1)	450	(6.6)
<b>Tensile Strength at 5% Strain</b> ASTM	580	(8.5)	920	(13.4)
<b>Junction Efficiency</b>	93	%	93	%
<b>Flexural Stiffness</b>	250000	mg-cm	250000	mg-cm
<b>Aperture Stability</b>	3.2	kg-cm/deg	3.2	kg-cm/deg
<b>Aperture Dimensions</b> inches	1.0	(25)	1.3	(33)
<b>Minimum Rib Thickness</b> inches (mm)	0.03	(0.76)	0.03	(0.76)
<b>Roll Size</b>	246 ft (75 m)		13.1 ft (4 m)	
		358 sy (300 sm)		
<b>Roll Weight</b>		198 lbs (90 kg)		
<b>Resistance to Installation Damage</b> ASTM D5818 & D6637 SC-Clayey Sand SW-Well Graded Sand GP-Poorly Graded Gravel		95 % SC / 93% SW / 90% GP		

The use and selection of the product above should be completed by a competent design professional. Specifications as outlined above are subject to change. The products above are specifically designed for earth reinforcement. Earth Wall Products, LLC has compiled the above information based on tests conducted in accordance with recognized Industry Standards. Earth Wall Products will have no liability for consequential damages. No warranties are expressed or implied, including without limitation any warranties of fitness for a particular purpose, marketability, value, or condition. Regardless of the cause of action or legal theory, the liability of Earth Wall Products shall be limited to the fee paid to Earth Wall Products. Copyright 2018 by Earth Wall Products, LLC.