

Feb 2019

BX11FW (Biaxial Reinforcement Face Wrap) is a geogrid reinforcement manufactured with stress resistant polypropylene material. The geogrid is engineered to be both mechanically and chemically durable. BX11FW is UV stable for Reinforced Soil Slope (RSS) face wrap applications when encapsulating stone at the face of an RSS earth structure. 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 D6637-lb/ft	280	(4.1)	450	(6.6)
<b>Tensile Strength at 5% Strain</b> ASTM D6637-lb/ft	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 (mm)	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)		9.8 ft (3 m)	
			267 sy (225 sm)	
<b>Roll Weight</b>			149 lbs (68 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	
<b>Resistance to UV Degredation (1)</b> 1) Resistance to loss of load when subjected to 500 hrs of UV light - ASTM D4355		100%		100%

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.