

TechGrid B Series High Performance Biaxial Geogrids

TechGrid B Series comprise biaxial geogrids manufactured from select grades of high tenacity, high molecular weight, and low carboxyl end group polyester yarn to ensure high strengths, low creep and excellent durability. The yarns are formed into a dimensionally stable grid structure with uniform apertures, using an advanced weft insertion warp knitting process and are then given a tough and durable polymeric coating to enhance dimensional stability, resistance to installation damage and durability. TechGrid B Series geogrids are suitable for the reinforcement of soils and other granular materials where strength in both directions is important.

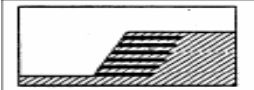


TechGrid B Series geogrids conform to the following property values:

<i>Property</i>		<i>Test Method</i>	<i>TechGrid B-30</i>	<i>TechGrid B-40</i>	<i>TechGrid B-60</i>	<i>TechGrid B-90</i>
Ultimate tensile strength ⁽¹⁾ (kN/m)	MD	ASTM D 6637	30	40	60	90
	CD		30	40	60	90
Elongation at maximum load (%)	MD		14	15	15	15
	CD		14	15	15	15
Tensile strength at 2 % elongation (kN/m)	MD		6.0	7.5	9.0	11.0
	CD		6.0	7.5	7.5	9.0
Tensile strength at 5 % elongation (kN/m)	MD		10.5	14.0	16.0	25.0
	CD		10.5	14.0	16.0	21.0
Aperture size (mm) (± 2 mm)	MD x CD		26 x 26	25 x 25	25 x 25	23 x 23

MD Machine Direction CD Cross Direction ⁽¹⁾ Minimum Average Roll values

Standard Roll Dimensions	Roll length (m)	100 / 50	Roll width (m)	5.0 / 2.5
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APPLICATIONS	 
<ul style="list-style-type: none"> • PAVEMENT SUBGRADE STABILIZATION • PAVEMENT BASE REINFORCEMENT • RAIL TRACK-BED STABILIZATION 	<ul style="list-style-type: none"> • AREA / GROUND STABILIZATION • WORKING & LOAD TRANSFER PLATFORMS • REINFORCED GRANULAR FOUNDATION BEDS

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