



Biaxial Geogrid

SPECIFICATION SHEET

Gridforce Biaxial Geogrid

Gridforce Biaxial Polypropylene geogrids can solve pavement problems by providing omni-axial reinforcement to granular sub-bases, capping layers and railway ballasts in areas of weak & variable soils. When granular particles are compacted over these grids, they partially penetrate and project through the apertures to create a strong and positive interlock. The load dispersal effect from the interlocking mechanism increases shearing resistance within the soil, improving compaction and **allowing sub-base thickness to be reduced**, ultimately reducing construction time and cost.

Properties	Typical Dimensions
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Product	Roll Size (m)	Tensile Strength (KN/m) (2)		Tensile Load (KN/M)				Junction Efficiency	Pmd	Ptd	Wmd	Wtd	Tj	Tmd	Ttd
		2% Strain		5% Strain											
		MD	TD	MD	TD	MD	TD								
Gridforce 2020	4x50	20	20	7.6	7.6	15.3	15.3	≥95	40	40	2	2.4	3.8	1.6	1.4
Gridforce 3030	4x50	30	30	11	11	21.6	21.6	≥95	40	40	2.2	2.7	4	2.4	1.8

