

## E'GRID 3030L

Rigid biaxial geogrid

Network Rail Certification of acceptance: PA05/05826

Network Rail Catalogue number: 057/101300

E'GRID Biaxial geogrids from Wrekin can solve pavement problems by providing omni-axial reinforcement to granular sub-bases, capping layers & railway ballasts in areas of weak or variable soils.

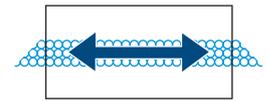
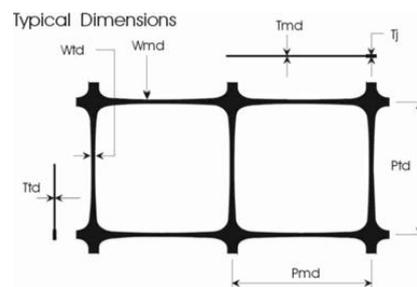
When granular particles are compacted over these grids, they partially penetrate and project through the apertures to create a strong and positive interlock. The load dispersal effect from the interlocking mechanism increases shearing resistance within the soil, improving compaction and *allowing the sub base thickness to be decreased*, ultimately reducing construction time and costs.

Product		E'GRID 3030L
Roll size (m)	note 5	3.8 x 50
Tensile strength (kN/m <sup>2</sup> )	MD	30
	TD	30
Tensile load (kN/m)	2% strain MD	12.0
	2% strain TD	12.5
	5% strain MD	24.0
	5% strain TD	25.0
Junction efficiency (%)	note 2	>95
Radial stiffness (kN/m)	note 3	600
Pitch size (mm)	Pmd	66
	Ptd	66
Rib width (mm)	Wmd	3.3
	Wtd	4.0
Rib depth (mm)	Tmd	2.0
	Ttd	1.4
	Tj (mm)	4.5

**Notes:**

- All strength and load figures are based on test results from the manufacturer's laboratory, measured in accordance with ISO 10319 at the temperature of 21 ± 1°C and calculated as a lower 95% confidence limit in accordance with ISO 2602
- Measured by comparing the results of tests in accordance with test methods GRI/GG2 and GRI/GG1
- At 2% strain under 360° radial loading. Determined from tests in accordance with EN ISO 10319.
- Carbon Black content ≥ 2%
- Other roll sizes are available to order

Other grades of geogrids are available from Wrekin including SX GRID



REINFORCEMENT



- Wrekin Products Ltd reserves the right to alter product specifications without prior notice.
- It is the responsibility of all users to satisfy themselves that the above data is current.
- The above figures are average values obtained in testing to current EN geotextiles test standards. Although not guaranteed these results do, to the best of our knowledge, offer a true and accurate record of the product's performance.
- Wrekin cannot be held responsible for the performance of these products as conditions of use are beyond our control.
- Installation details are available on request.