

E'GRID 2020

Rigid biaxial geogrid

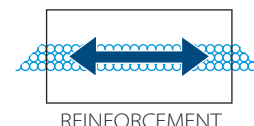
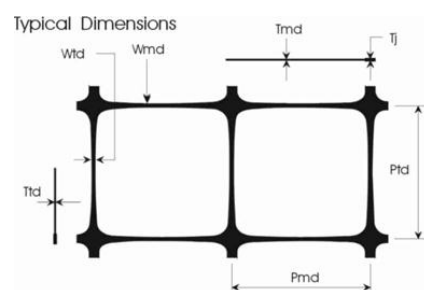
E'GRID Biaxial geogrids from Wrekin can solve pavement problems by providing omni-axial reinforcement to granular sub-bases, capping layers & railway ballasts in areas of weak or variable soils.

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 2020
Roll size (m) ^{note 5}			4 x 50
Tensile strength (kN/m ²) ^{note 1}	MD		20
	TD		20
Tensile load (kN/m)	2% strain	MD	7.6
		TD	7.6
	5% strain	MD	15.3
		TD	15.3
Junction efficiency (%) ^{note 2}			>95
Radial stiffness (kN/m) ^{note 3}			380
Pitch size (mm)	Pmd		40
	Ptd		40
Rib width (mm)	Wmd		2.0
	Wtd		2.4
Rib depth (mm)	Tmd		1.6
	Ttd		1.4
Tj (mm)			3.8

Notes:

1. 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.
2. Measured by comparing the results of tests in accordance with test methods GRI/GG2 and GRI/GG1.
3. At 2% strain under 360° radial loading. Determined from tests in accordance with EN ISO 10319.
4. Carbon Black content ≥ 2%
5. Other roll sizes are available to order



1. Wrekin Products Ltd reserves the right to alter product specifications without prior notice.
2. It is the responsibility of all users to satisfy themselves that the above data is current.
3. 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.
4. Wrekin cannot be held responsible for the performance of these products as conditions of use are beyond our control.
5. Installation details are available on request.

Other grades of geogrids are available from Wrekin including SX GRID