

## E'GRID 2020

Rigid biaxial geogrid

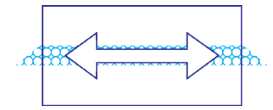
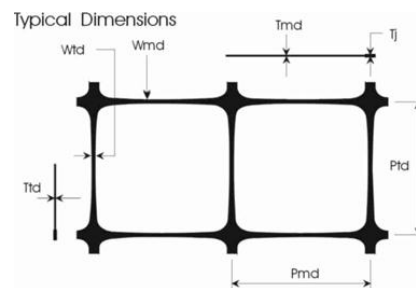
E'GRID Biaxial geogrids from Wrekin can solve pavement problems by providing omni-axial reinforcement to granular sub-bases, capping layers & railway ballasts in areas of weak or variable soils.

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)		4 x 50 <small>note 4</small>	
Tensile strength (kN/m <sup>2</sup> ) <small>note 1</small>	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 (%)		>95	
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:**

- 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
- Carbon Black content ≥ 2%
- Other roll sizes are available to order



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.

Other grades of geogrids are available from Wrekin including SX GRID