

WREKIN SX GRID

Rigid biaxial geogrid

WREKIN SX GRID Biaxial geogrids 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.

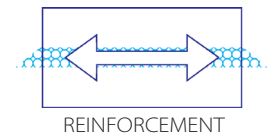
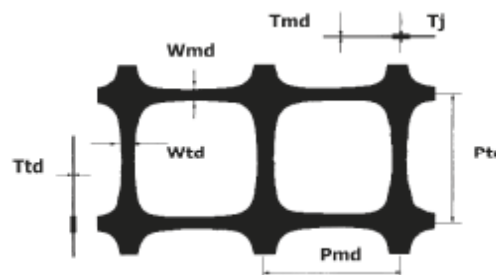
Applications for WREKIN SX GRID:

- Construction haul roads
- Paved and unpaved roads
- Railways and ports
- Working platforms on weak sub-soils
- Parking and paved areas
- Multi-layer applications

Product	Roll size (m)	Tensile strength (kN/m) note 1		Tensile load (kN/m)				Junction efficiency (%) note 2	Pitch size (mm)		Rib width (mm)		Rib depth (mm)	
		MD	TD	MD	TD	MD	TD		Pmd	Ptd	Wmd	Wtd	Tmd	Ttd
SX GRID 2020	4 x 50	20	20	7.0	7.0	14.0	14.0	≥95	40.0	40.0	2.3	3.1	1.5	0.7
SX GRID 3030	4 x 50	30	30	10.5	10.5	21.0	21.0	≥95	40.0	40.0	2.4	3.7	2.4	1.0
SX GRID 4040	4 x 30	40	40	14.0	14.0	28.0	28.0	≥95	38.0	38.0	2.6	4.5	3.0	1.0

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 $21 \pm 1^\circ\text{C}$ 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. Carbon Black content $\geq 0.5\%$
4. 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 E'GRID