

Technical Datasheet

Lotrak[®] 40/40S is a biaxial geogrid designed to provide ground stabilisation and reinforcement. Superior strength, combined with low elongation provides effective reinforcement. The aperture design of the geogrid allows the aggregate to interlock and encourages load dispersal, particularly in applications such as unpaved roads.

TEST	STANDARD		Lotrak [®] 40/40S
Tensile Strength (kN/m)	EN 10319	MD	40
		CD	40
Tensile Strength at 2% strain (%)	EN 10319	MD	15
		CD	15
Tensile Strength at 5% strain (%)	EN 10319	MD	30
		CD	30
Elongation at max. load (%)	EN 10319	MD	9
		CD	10
Grid Opening Size (mm)			36 x 36
Effect of UV Light	The polypropylene (PP) used contains a UV inhibitor		
Roll Size (m)			3.95 x 50

All products are manufactured under BS EN ISO 9001.

Notes & Declaration

Please note that the product is to be covered within 1 month of installation. Lotrak range of geogrids are predicted to be durable for more than 100 years in soil temperatures $\leq 25^{\circ}$ and have a carbon black content of $\geq 2\%$. The Lotrak range of geogrids are resistant to highly acid and alkaline environments on the basis of a durability assessment. Due to manufacturing and transportation circumstances, please note that the widths of Lotrak geogrids have a tolerance of (+0.0/-0.1). In regard to dangerous substances, Don & Low Lotrak geogrids contain less than required by national regulations in EU member states.

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