

Technical Datasheet

Lotrak[®] 25R is a woven polypropylene geotextile used as a basic reinforcement fabric in a wide range of civil engineering applications. Lotrak[®] 25R is commonly used at the base of major highway schemes and other construction projects including coastal protection and unpaved roads.

TEST	STANDARD		Lotrak [®] 25R
Tensile Strength (kN/m)	EN 10319	Warp	26
		Weft	26
Tensile Strength at 5% extension (kN/m)	EN 10319	Warp	16
		Weft	16
Elongation at max. load (%)	EN 10319	Warp	9
		Weft	9
CBR Puncture Resistance (N)	EN ISO 12236		3200
Cone Drop Penetration (mm)	EN 918		12
Pore size 90% finer than (microns)	EN ISO 12956		270
Water Permeability $V_{I_{H50}}$	EN ISO 11058		0.010
Water Flow Rate (l/m ² /sec)	EN ISO 11058		10
Effect of UV Light	The polypropylene (PP) used contains a UV inhibitor		
Roll Size (m)		Width	5
		Length	100



All products are manufactured under BS EN ISO 9001.

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