Technical Datasheet

LOTRAK® 100

Geotextiles

Lotrak® 100 is a mechanically bonded nonwoven geotextile, with market established technical and hydraulic properties to address everyday, industry requirements of separation and filtration. Lotrak® 100 is an effective separator beneath selected granular materials and for lining french or narrow trench drains. The main purpose of this geotextile is to prevent the loss of construction aggregates into the underlying soil.

Lotrak® 100 nonwoven geotextile meets the required recommendations as stated in the latest **"British Standard BS 8661 – Geotextiles: Guidance for specification for basic separation and filtration functions",** providing reliable & lasting performance for these essential functions in line with geotextile specification guidelines.

Lotrak® 100 is Network Rail Approved as a Needle Punched Non-Woven Geotextile for use as a general-purpose filter/separator on non-critical end use applications. (Roads, Paths, Compounds & Car Parks etc.) – **NR Catalogue No: 0111/109880**.

TEST	STANDARD		Lotrak® 100
Tensile Strength (kN/m)	EN ISO 10319	MD	8
		CD	8
Elongation at max. load (%)	EN ISO 10319	MD	39
		CD	48
CBR Puncture Resistance (N)	EN ISO 12236		1500
Cone Drop Penetration (mm)	EN ISO 13433		36
Pore size 90% finer than (microns)	EN ISO 12956		100
Water Permeability VI_{H50}	EN ISO 11058		0.130
Water Flow Rate ($l/m^2/sec$)	EN ISO 11058		130
Effect of UV Light	The polypropylene (PP) used contains a UV inhibitor		
Roll Sizes (m)			4.5 x 100 2.25 x 50 2.25 x 25
Handy Pack size (m)			4.5 x 10