

LOTRAK® 100 FILTRATION DRAINAGE

**Ground, Wind, Weed
& Erosion Control**

Designed to provide rapid filtration, allowing water to pass into a filter drain without the carriage of fine soil particles.

The opening size of the geotextile is small enough to control soil particle movement but is large enough to avoid clogging. As a result, waterflow is maintained by the creation of bridging zone to promote natural soil filtration.

Product Features

- Provides rapid filtration for a range of applications, including drains and trenches
- Prevents the loss of construction aggregates into the underlying soil
- Offers high tensile strength and CBR properties to offer an element of protection in addition to the standard requirements of separation and filtration

Benefits

- Proven separator performance
- Excellent filtration capabilities
- Superior strength and resistance
- Increased mechanical strength
- Optimum drainage capabilities

Test	Standard		Lotrak®					
Product			80	100	140	160	200	300
Tensile Strength (kN/m)	EN ISO 10319	MD	6	8	12	14	18	25
		CD	6	8	12	14	18	25
Elongation at Max. Load (%)	EN ISO 10319	MD	36	45	45	50	50	65
		CD	42	45	45	50	50	65
CBR Puncture Resistance (N)	EN ISO 12236		1050	1500	2000	2300	2900	4300
Cone Drop Penetration (mm)	EN 13433		48	36	26	23	18	13
Pore Size 90% Finer Than (microns)	EN ISO 12956		128	100	90	80	70	70
Water Permeability V_{I-H50}	EN ISO 11058		0.144	0.130	1.110	0.090	0.080	0.065
Water Flow Rate ($l/m^2/sec$)	EN ISO 11058		144	130	110	90	80	65
Effect of UV			Polypropylene (PP) contains UV inhibitor					
Roll Sizes (m)			4.5 x 100					
Roll Sizes (m)			100 & 300 - 4.5 x 100, 2.25 x 50, 2.25 x 25					

All products are manufactured under BS EN ISO 9001.

