



BC Geo Textile

BC range of Staple Fiber Needle Punched and Thermally Bonded Nonwoven Geotextiles have been designed to offer optimum performance per unit weight. Their resulting mechanical robustness and excellent hydraulic properties make them the ideal choice for separation and filtration. Typical applications for non-woven geotextiles include:

Typical Uses and Applications:-

- As a general purpose separator for use under site access roads and areas of hard standing
- As a separation and strengthening layer under new roadways, car parks, industrial units etc.
- As a filter surround in the construction of a French drain or granular drainage blanket
- For separation: to prevent the intermixing of dissimilar soil layers
- For filtration: to allow the passage of fluids whilst preventing the uncontrolled passage of soil.

Properties	Test Method	Unit	Value
Tensile Strength	EN ISO 10319	kN/m	8.4
Elongation at Break	EN ISO 10319	%	85
CBR Puncture Resistance	EN ISO 10319	N	1500
Dynamic Core Drop	EN ISO 10319	Mm	25
Hydraulic Properties			
	Test Method	Units	Value
Characteristics Opening size	EN ISO 10319	UM	110
Permeability	EN ISO 10319	m/s	110x103
Water flow normal to the plane	EN ISO 10319	l/m ² . s	120
Physical Properties			
	Test Method	Units	Value
Thickness Under 2kPa	EN ISO 9863-1	mm	0.85
Weight	EN ISO 9864	g/m ²	115
Roll Size		m	4.5x100 m
Roll Diameter (+/- 10%)		cm	30

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