

Plantcosol Geo



Technical information

	Plantcosol™ Géo 100	Plantcosol™ Géo 130	
Composition	100% Polypropylene	100% Polypropylene	
Construction	Needle non-woven geotextile	Needle non-woven geotextile	
Weight per unit area	100 gr/m ²	130 gr/m ²	EN ISO 9864
Colour	White	White	
Resistance to atmospheric conditions	Must be covered within 48hours of installation	Must be covered within 48hours of installation	EN 12224
Breaking strength	Production direction : 6,5 kN/m Cross direction : 6,5 kN/m	Production direction : 8 kN/m Cross direction : 8 kN/m	EN ISO 10319
Elongation	Production direction 50% (+/- 15%) Cross direction 50% (+/- 15%)	Production direction 50% (+/- 15%) Cross direction 50% (+/- 15%)	EN ISO 10319
Permeability	70 L/m ² /s (+/-35%)	60 L/m ² /s (+/-35%)	EN ISO 11058
Dynamic resistance to perforation	37 mm	24 mm	EN ISO 13433
Static puncture resistance	1 000 N	1 300 N	EN ISO 12236
Packaging	25 lm or 50 lm roll	25 lm or 50 lm roll	
Available widths	1m or 2m	1m or 2m	

Product information

Plantcosol™ Geo 100 needlepunched non-woven geotextile 100% polypropylene. Weight per unit area 100 gr/m². Tensile strength in production and cross direction 6.5 kN/m. Elongation in production and cross direction 50%. Dynamic puncture resistance 37 mm. Static puncture resistance 1,000 N. Permeability 70 Lm²/s (+/-35%). Available in 1m or 2m widths and packaged in 25 lm or 50 lm rolls. White colour.

Plantcosol™ Geo 130 needlepunched non-woven geotextile 100% polypropylene. Weight per unit area 130g/m². Tensile strength production and cross direction 8 kN/m. Elongation in production and cross direction 50%. Dynamic puncture resistance 24 mm. Static puncture resistance 1300 N. Permeability 60 Lm²/s (+/-35%). Available in 1m or 2m widths and packaged in 25 lm or 50 lm rolls. White colour.

