Specialist Geomembranes

Technical Data Sheet

Landflex™ G8000



Puncture Resistant Geotextile

- Provides top level protection at high strain.
- Combines filtration properties & high water permeability.
- High resistance to puncture & abrasion.

The information herein is based upon data obtained by the manufacturer and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.

Material Properties	Unit	Test Method	Typical Values
Mechanical Properties			
Tensile strength longitudinal	kN/m	EN ISO 10319	44.9
Tensile strength transverse	kN/m		48.9
Elongation longitudinal	%	EN ISO 10319	65
Elongation transverse	%		65
Static puncture resistance (CBR)	kN	EN ISO 12236	8.0
Dynamic perforation resistance - Cone drop	mm	EN ISO 13433	5.0
Hydraulic Properties			
Water permeability normal to the plane	$l/m^2/s$	EN ISO 11058	40
Characteristic opening size (AOS)	mm	EN ISO 12956	0.07
Physical Properties			
Thickness at 2 kPa	mm	EN ISO 9863	4.90
Weight	g/m^2	EN ISO 9864	670
Roll dimensions	5.25m wide x 50m linear ($263m^2$)		
Composition	100% Polypropylene non-woven geotextile		
Colour	White		
Durability	Predicted to be durable for a minimum of 25 years in natural soil with 4<pH<9 and soil temperatures <25°C		



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