
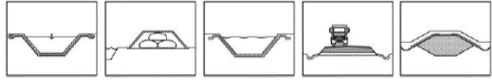


Technical Data Sheet

Product : GCL 5000 - H



Waterproofing Dep.

Sealing Layer (sodium-bentonite)•(water content < 13%)	g/m ²	~ 4500
Mas per unit area (Din EN ISO 9864)	g/m ²	~ 4800
Thickness in Dry Condition (EN ISO 9863-1)	mm	>6
Bentonite Characteristics		
Swell Index (ASTM 5890)	ml/2g	≥ 24
Fluid Loss (ASTM 5891)	ml	≥ 18
Moisture Content (DIN 18121)	%	≥ 13
Nominal Tensile Strength MD	kN/m	≥ 10
(DIN EN ISO 10319) CMD	kN/m	≥ 10
Strain at Nominal Tensile Strength MD	%	≤ 20
(DIN EN ISO 10319) CMD	%	≤ 20
Peel Strength (ASTM 6496)	N/m	≥ 600
CBR Puncture Resistance (EN ISO 12236)	N	2000
Hydraulic Conductivity (K-value ASTM D 5887)	m x m	5.1×40
Certificate		
MAIN ADVANTAGES	High-performance sealing for groundwater protection, contaminated site remediation and hydraulic engineering	
Usage Application		
Category According to BS 8102 (2009)	Type A <input checked="" type="checkbox"/>	Type B <input type="checkbox"/> Type C <input type="checkbox"/>

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