

PAG 6 Geocomposite- Fully Wrapped.

Consists of a cuspated HDPE (High Density Polyethylene) core former, thermally bonded to a geotextile filter

PROPERTIES	MD/CD	UNIT	VALUE	STANDARD
Composite				
In Plane gas flow			<u>@ 7mm</u>	
At 100kPa		l/m.s	2.4	
At 250kPa		l/m.s	2.1	
			<u>@ 3mm</u>	
At 100kPa		l/m.s	0.8	
At 250kPa		l/m.s	0.6	
With soft foam contact surfaces to simulate textile intrusion into the core due to soil pressure				
Ventilation free path		(mm ² /m)	2200	(indicative)
Air Volume		(l/m ²)	3.3	(indicative)
Equivalent Void Depth		(mm)	3.3	(indicative)
Thickness at 2kPa		mm	7	EN ISO 9863-1
Mass per unit area		g/m ²	790	EN ISO 9864
Tensile strength	MD	kN/m	24	EN ISO 10319
	CD	kN/m	15	EN ISO 10319
Elongation at Peak	MD	%	50	EN ISO 10319
	CD	%	40	EN ISO 10319
Static puncture resistance CBR		N	3750	EN ISO 12236
Resistance to weathering	To be covered in 14 days			
Design Life		Years	120	Manufacturers declaration
Geotextile				
Thickness at 2kPa		mm	1.2	EN ISO 9863-1
Tensile strength	MD	kN/m	9.5	EN ISO 10319
	CD	kN/m	9.5	EN ISO 10319
Elongation at Peak	MD	%	45	EN ISO 10319
	CD	%	45	EN ISO 10319
Pore size O ₉₀		µm	115	EN ISO 12956
Water flow at 50mm	± 30%	l/m ² .s	95	EN ISO 11058
Static puncture resistance CBR		N	1600	EN ISO 12236
Dynamic perf cone drop		Mm	32	EN ISO 13433
Roll size	Width	m	1.1	
	Length	m	50	

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