

ARMOURFLOW™

DRAINAGE BOARD

TECHNICAL DATA SHEET	TDS G 001 032
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PROPERTIES	STANDARD	NOMINAL VALUE	UNIT	TOLERANCE
GEOSPACER: NOT SENSITIVE TO WATER				
Polymer		HDPE		
Structure		Alveolar, thermoformed, isotropic and symmetric		
Thickness under 2 kPa	EN ISO 9863-1			
	ASTM D-5199	12	mm	±10%
Crush resistance	EN ISO 25619-2	275	kPa	-10%
	ASTM D-6364	5743	psf	-10%
Compressive creep under 100 kPa/10 Years	EN ISO 25619-1	-9% of the thickness under stress		
GEOTEXTILE: NOT SENSITIVE TO WATER				
Product reference		D100		
Certificate ASQUAL		Uncertified		
Polymer		Polypropylene		
Manufacturing process		Nonwoven thermally bonded		
Position of the geotextile on the geospacer		A geotextile on one face		
Thickness under 2kPa	EN ISO 9863-1			
	ASTM D-5199	0,41	mm	±0.08
Mass per unit area	EN ISO 9864			
	ASTM D-5161	100	g/m ²	±10
Opening Size O90w	EN ISO 12956	150	µm	±30
Water Permeability VH50	EN ISO 11058	0,08	m/s	-0,015
GEOCOMPOSITE				
Dynamic Perforation Resistance	EN ISO 13433	40	mm	+7
Water flow capacity in the plane/Transmissivity	EN ISO 12958	Foam/Obturate		
	ASTM D-4716	i=1; 20kPa; 11, 2x10-4	m ² /s	-2.3 x 10-4
Tensile strength	EN ISO 10319	MD:18	kN/m	-2.34
	ASTM D-4595	CMD:18	kN/m	-2.34
Durability in accordance with Annex B		To be covered within 2 weeks after installation. predicted to be durable for more than 50 years in all natural soils with temperatures <25° C on the basis of a durability assessment (Typargeo Report 070)		
ADDITIONAL DATA ON THE GEOCOMPOSITE				
Mass per unit area	EN ISO 9864			
	ASTM D-5161	1051	g/m ²	±10%

DISCLAIMER

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DIMENSIONS

Geospacer width	1.1m
Geotextile width	1.30m
Length	25m