



UTD Geocomposite

UTD Geocomposite is manufactured with 5 mm. thick Geonet heat laminated on both sides with nonwoven needle-punched Geotextile which serves as a filter to protect the Geonet core from clogging. The Geocomposite is designed and formulated to perform drainage function under a range of anticipated site loads, gradients and boundary conditions.

Technical Data Sheet

Tested Property	Test Method	Frequency	Minimum Average Roll Value		
Geocomposite			200 g/m ²	270 g/m ²	335 g/m ²
Transmissivity, m ² /Sec	ASTM D 4716	1/50,000 m ²	1x10 ⁻⁴	1x10 ⁻⁴	9x10 ⁻⁵
Ply Adhesion, g/cm	ASTM D 7005	1/4,600 m ²	178	178	178
Roll Width, m			4.5	4.5	4.5
Roll Length, m			50	50	50
Roll Area, m ²			200	200	200
Geonet Core					
Transmissivity, m ² /Sec	ASTM D 4716		2x10 ⁻³	2x10 ⁻³	2x10 ⁻³
Thickness, mm	ASTM D 5199	1/4,600 m ²	5	5	5
Density, g/cm ³	ASTM D 1505	1/4,600 m ²	0.94	0.94	0.94
Tensile Strength (MD), N/mm	ASTM D 5035 / 7179	1/4,600 m ²	8.1	8.1	8.1
Carbon Black Content, %	ASTM D 1603 / 4218	1/4,600 m ²	2	2	2
Geotextile (prior to lamination)					
Mass per Unit Area, g/m ²	ASTM D 5261	1/8,300 m ²	200	270	335
Grab Tensile, N	ASTM D 4632	1/8,300 m ²	755	975	1,155
Puncture Strength, N	ASTM D 4833	1/8,300 m ²	395	525	725
AOS US sieve, mm	ASTM D 4751	1/50,000 m ²	0.212	0.18	0.15
Flow Rate, lpm/m ²	ASTM D 4491	1/50,000 m ²	4,480	3,865	3,050
UV Resistance, %	ASTM D 4355		70	70	70

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