

VEarth VG 2300 M geotextile fabric is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position.

VEarth VG 2300 M geotextile fabric resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals



REINFORCEMEN



SEPARATION



FILTRATION



STABILIZATIO

TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	400 x 335 lbs	1,780 x 1,491 N
Elongation (Grab)	ASTM D4632	20% x 15%	20% x 15%
Trapezoidal Tear Strength	ASTM D4533	145 x 125 lbs	645 x 556 N
CBR Puncture	ASTM D6241	1,250 lbs	5,563 N
Wide Width Tensile	ASTM D4595	2,760 x 2,700 lbs/ft	40.3 x 39.4 kN/m
UV Resistance (500 hrs)	ASTM D4355	90%	90%
Apparent Opening Size*	ASTM D4751	30 US Std. Sieve	0.60 mm
Percent Open Area (POA)	COE-02215	8%	8%
Permittivity	ASTM D4491	1.5 sec ⁻¹	1.5 sec ⁻¹
Permeability	ASTM D4491	0.13 cm/sec	0.13 cm/sec
Water Flow Rate	ASTM D4491	115 gpm/ft ²	4,685 lpm/m ²

*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	15 ft x 300 ft	4.6 m x 91.5 m
Roll Area	Measured	500 yd ²	418 m ²