

VEarth VG 2196 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 2196 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	350 x 200 lbs	1,557 x 890 N
Elongation (Grab)	ASTM D4632	15% x 15%	15% x 15%
Trapezoidal Tear Strength	ASTM D4533	100 x 70 lbs	445 x 312 N
CBR Puncture	ASTM D6241	700 lbs	3,113 N
UV Resistance (500 hrs)	ASTM D4355	90%	90%
Apparent Opening Size*	ASTM D4751	40 US Std. Sieve	0.425 mm
Percent Open Area (POA)	COE-02215	6%	6%
Permittivity	ASTM D4491	1.5 sec ⁻¹	1.5 sec ⁻¹
Water Flow Rate	ASTM D4491	110 gpm/ft ²	4,480 lpm/m ²

*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Weight	ASTM D5261	5.8 oz/yd ²	196.7 g/m ²
Roll Dimensions	Measured	6 ft x 300 ft 12 ft x 300 ft	1.83 m x 91.5 m 3.65 m x 91.5 m
Roll Area	Measured	200 yd ² 400 yd ²	167 m ² 334 m ²