

## SPECIFICATION SHEET

# 1600N NON-WOVEN GEOTEXTILE

1600N is manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position. 1600N resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	380 x 380 lbs	1,690 x 1,690 N
Elongation (Grab)	ASTM D4632	50% x 50%	50% x 50%
Trapezoidal Tear Strength	ASTM D4533	145 x 145 lbs	644 x 644 N
CBR Puncture	ASTM D6241	1,025 lbs	4,561 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	100 US Std. Sieve	0.150 mm
Permittivity	ASTM D4491	0.7 sec <sup>-1</sup>	0.7 sec <sup>-1</sup>
Water Flow Rate	ASTM D4491	50 gpm/ft <sup>2</sup>	2,037 lpm/m <sup>2</sup>

\*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	15 ft x 150 ft	4.6 x 45.5 m
Roll Area	Measured	250 yd <sup>2</sup>	209 m <sup>2</sup>

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