



**REINFORCING
SUCCESS**

**PRODUCT DATA SHEET
WINFAB® 2197**



FILTRATION



SEPARATION

WINFAB® 2197 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.

WINFAB® 2197 geotextile fabric 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	365 x 200 lbs	1,624 x 890 N
Elongation (Grab)	ASTM D4632	24% x 15%	24% x 15%
Trapezoidal Tear Strength	ASTM D4533	115 x 75 lbs	512 x 334 N
CBR Puncture	ASTM D6241	750 lbs	3,336 N
Wide Width Tensile	ASTM D4595	2,400 x 1,680 lbs/ft	35 x 24.52 kN/m
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	10%	10%
Permittivity	ASTM D4491	2.1 sec ⁻¹	2.1 sec ⁻¹
Permeability	ASTM D4491	.14 cm/sec	.14 cm/sec
Water Flow Rate	ASTM D4491	145 gpm/ft ²	5,907 lpm/m ²

*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	6.25 ft x 300 ft 12.5 ft x 300 ft	1.91 m x 91.5 m 3.81 m x 91.5 m
Roll Area	Measured	208.3 yd ² 416.7 yd ²	174.2 m ² 348.4 m ²

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