

**REINFORCING  
SUCCESS**

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**WINFAB® 800N** needle-punched nonwoven geotextile is manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position.

**WINFAB® 800N** needle-punched nonwoven geotextile 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  | 205 x 205 lbs          | 912 x 912 N              |
| Elongation (Grab)         | ASTM D4632  | 50% x 50%              | 50% x 50%                |
| Trapezoidal Tear Strength | ASTM D4533  | 80 x 80 lbs            | 356 x 356 N              |
| CBR Puncture              | ASTM D6241  | 525 lbs                | 2,336 N                  |
| UV Resistance (500 hrs)   | ASTM D4355  | 70%                    | 70%                      |
| Apparent Opening Size*    | ASTM D4751  | 80 US Std. Sieve       | 0.18 mm                  |
| Permittivity              | ASTM D4491  | 1.3 sec <sup>-1</sup>  | 1.3 sec <sup>-1</sup>    |
| Water Flow Rate           | ASTM D4491  | 90 gpm/ft <sup>2</sup> | 3,667 lpm/m <sup>2</sup> |

\*Maximum Average Roll Value

| PROPERTY        | TEST METHOD | TYPICAL ENGLISH                    | TYPICAL METRIC                 |
|-----------------|-------------|------------------------------------|--------------------------------|
| Roll Dimensions | Measured    | 12.5 ft x 360 ft<br>15 ft x 300 ft | 3.81 x 109.8 m<br>4.6 x 91.5 m |
| Roll Area       | Measured    | 500 yd <sup>2</sup>                | 418 m <sup>2</sup>             |

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