



REINFORCING  
SUCCESS

# PRODUCT DATA SHEET WINFAB 400N



**WINFAB 400N** is manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position.

**WINFAB 400N** 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  | 100 x 100 lbs           | 445 x 445 N              |
| Elongation (Grab)         | ASTM D4632  | 50% x 50%               | 50% x 50%                |
| Trapezoidal Tear Strength | ASTM D4533  | 45 x 45 lbs             | 200 x 200 N              |
| CBR Puncture              | ASTM D6241  | 300 lbs                 | 1,334                    |
| UV Resistance (500 hrs)   | ASTM D4355  | 70%                     | 70%                      |
| Apparent Opening Size*    | ASTM D4751  | 70 US Std. Sieve        | 0.212 mm                 |
| Permittivity              | ASTM D4491  | 2.0 sec <sup>-1</sup>   | 2.0 sec <sup>-1</sup>    |
| Water Flow Rate           | ASTM D4491  | 140 gpm/ft <sup>2</sup> | 5,704 lpm/m <sup>2</sup> |

\*Maximum Average Roll Valve

| PROPERTY        | TEST METHOD | TYPICAL ENGLISH                            | TYPICAL METRIC                           |
|-----------------|-------------|--|--|
| Roll Dimensions | Measured    | 12.5 ft x 360 ft<br>15 ft x 360 ft         | 3.81 x 109.8 m<br>4.6 x 109.8 m          |
| Roll Area       | Measured    | 500 yd <sup>2</sup><br>600 yd <sup>2</sup> | 418 m <sup>2</sup><br>502 m <sup>2</sup> |

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