

## TECHNICAL DATASHEET - PREVIEW

### Terralys LF 50/35

**Terralys LF 50/35** is a polypropylene woven slit film geotextile, manufactured into a dimensionally stable network, ensuring that filaments retain their relative positions.

**Terralys LF 50/35** is inert to biological degradation, and resists most chemicals, alkali and acids encountered in natural soils.

This product is engineered for drainage and erosion control applications.

| Mechanical properties              | Test method | MARV ENGLISH               | MARV METRIC               |
|------------------------------------|-------------|----------------------------|---------------------------|
| Grab Tensile Strength (MD x CMD)   | ASTM D4632  | 382 lbs x 314 lbs          | 1700 x 1400 N             |
| Grab Tensile Elongation (MD x CMD) | ASTM D4632  | 20 % x 18 %                | 20 % x 18 %               |
| Trapezoid Tear Strength MD         | ASTM D4533  | 137 lbs x 115 lbs          | 611 N x 513 N             |
| CBR Puncture                       | ASTM D6241  | 1101 lbs                   | 4900 N                    |
| Permittivity                       | ASTM D4491  | 0.37 sec <sup>-1</sup>     | 0.37 sec <sup>-1</sup>    |
| Water Flow Rate                    | ASTM D4491  | 30 gal/min/ft <sup>2</sup> | 1119 L/min/m <sup>2</sup> |
| Apparent Opening Size*             | ASTM D4751  | 16.5 US Std. Sieve         | 0.33 mm                   |
| UV Resistance (500hrs)             | ASTM D4751  | 80%                        | 80%                       |

\*Maximum roll average value

| Descriptive characteristics | Test method | TYPICAL ENGLISH       | TYPICAL METRIC       |
|-----------------------------|-------------|-----------------------|----------------------|
| Mass per unit area          | ASTM D5261  | 5.7 oz/y <sup>2</sup> | 197 g/m <sup>2</sup> |

Note: The values presented in the tables above are indicative, they are offered solely to provide possible suggestions. We reserve the right to alter the results of these materials without prior notice. As the installation and the conditions of use are beyond our control, Beaulieu Technical Textiles cannot accept responsibility for the performance of any of these products. The properties listed herein are provided as information only and in no way can create any warranty.