

## Terrafix 2415 – Woven Geotextile

**Function: Reinforcement & Separation**

Terrafix 2415 woven geotextiles are designed and manufactured for many construction applications. They perform the three primary functions of a geotextile: separation (separating the native subgrade from an aggregate layer); reinforcement (reinforcing an area by distributing weight over a wider area); and filtration (retaining soil while allowing the passage of water). Terrafix 2415 woven geotextiles are made of polypropylene filaments that are formed into a stable network such that they retain their relative position.

Types of applications for this textile are:

Roadways, Access Roads, Industrial Yards, Logging Roads.

| Property                             | ASTM Test Method | Value<br>Metric Units                    |
|--------------------------------------|------------------|--|
| <b>Typical Geotextile Properties</b> |                  |  |
| • Weight (Typical)                   | D 5261           | 130 g / m <sup>2</sup><br>(3.84 oz/sqyd) |
| • Grab Tensile Strength              | D 4632           | 900 N                                    |
| • Grab Elongation                    | D 4632           | 15%                                      |
| • Tear Resistance                    | D 4533           | 445 N                                    |
| • Puncture CBR                       | D 6241           | 3300 N                                   |
| • Permittivity                       | D 4491           | 0.250 sec <sup>-1</sup> Avg.             |
| • Water Flow                         | D 4491           | 760 l/min/m <sup>2</sup> Avg.            |
| • Apparent Opening Size              | D 4751           | 0.400 mm Avg.                            |
| • U.V. Stability                     | D 4355           | 70% @ 500hrs                             |