

## Terrafix 400W – Woven Geotextile

**Function: Reinforcement & Separation**

Terrafix 400W 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 400W 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 Metric Units
<b>Typical Geotextile Properties</b>		
• Weight (Typical)	D 5261	190 g / m <sup>2</sup> (5.65 oz/sqyd)
• Grab Tensile Strength	D 4632	1400 N
• Grab Elongation	D 4632	20%
• Tear Resistance	D 4533	533 N
• Puncture CBR	D 6241	4600 N
• Permittivity	D 4491	0.200 sec <sup>-1</sup> Avg.
• Water Flow	D 4491	600 l/min/m <sup>2</sup> Avg.
• Apparent Opening Size	D 4751	0.375 mm Avg.
• U.V. Stability	D 4355	70% @ 500hrs