

## ***Specification Sheet***

# ***Terrafix 400R Nonwoven Geotextile***

Terrafix 400R is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers. Terrafix 400R resists ultraviolet deterioration, rotting, biological degradation, naturally encountered bases and acids. Polypropylene is stable within a pH range of 2 to 13.

| <b>PROPERTY</b>           | <b>TEST METHOD</b> | <b>UNIT</b>          | <b>M.A.R.V.</b><br>(Minimum Average Roll Value) |
|---------------------------|--------------------|----------------------|---|
| Weight (Typical)          | ASTM D5261         | g/m <sup>2</sup>     | 237   |
| Tensile Strength          | ASTM D4632         | N                    | 800   |
| Grab Elongation           | ASTM D4632         | %                    | 50  |
| Tear Resistance           | ASTM D4533         | N                    | 333   |
| CBR Puncture <sup>1</sup> | ASTM D6241         | N                    | 2110  |
| Permittivity              | ASTM D4491         | sec <sup>-1</sup>    | 1.4   |
| Water Flow Rate           | ASTM D4491         | l/min/m <sup>2</sup> | 4074  |
| Apparent Opening Size     | ASTM D4751         | mm                   | 0.212   |
| UV Stability              | ASTM D4355         | % @ 500h             | 70  |

1. Burst strength (Mullen ASTM D3786) and Puncture (ASTM D4833) are both replaced by CBR Puncture (ASTM D6241)

\*All values are MARV except where specified.