



January 3, 2017

REF: TerraTex N08 nonwoven geotextile AASHTO M288 Class 1, 2 & 3 NTPEP (GTX 2016-01-056)

This letter is to certify that TerraTex N08 is a nonwoven geotextile made up of polypropylene fibers. These fibers are needled to form a stable and durable network such that the fibers retain their relative position. It is non-biodegradable and resistant to most soil chemicals, acids and alkali with a pH range of 3 to 12. TerraTex N08 (NTPEP GTX 2016-01-056) is manufactured to meet or exceed AASHTO M288 Class 1, 2 & 3, >50% elongation and the following minimum average roll values:

<u>Property</u>	<u>Test Method</u>	Minimum Average Roll Value	
		<u>English</u>	<u>Metric</u>
Weight (Typical)	ASTM D-5261	8 oz/yd ²	271 g/m ²
Grab Tensile	ASTM D-4632	205 lb	0.911 kN
Grab Elongation	ASTM D-4632	50%	50%
Trapezoid Tear	ASTM D-4533	85 lb	0.378 kN
CBR Puncture	ASTM D-6241	535 lb	2.38 kN
Puncture Resistance	ASTM D-4833	130 lb	0.578 kN
Mullen Burst	ASTM D-3786	400 psi	2756 kPa
UV Resistance	ASTM D-4355	70% @ 500 hr	70% @ 500 hr
AOS*	ASTM D-4751	80 US Sieve	.180 mm
Permittivity	ASTM D-4491	1.4 sec-1	1.4 sec-1
Water Flow Rate	ASTM D-4491	95 gal/min/ft ²	3860 l/min/m ²

*maximum average roll value

Best regards,

Keith Harris
Technical Director