

# LIQUID BOOT® UltraShield G-1000

## NON-WOVEN GEOTEXTILE FABRIC

### PRODUCT DESCRIPTION

Liquid Boot® UltraShield G-1000 is designed for use as a:

- Underslab adhesion protection course specially designed and required for underslab Liquid Boot® applications where the membrane must remain attached to the underslab of the building. This is to ensure the membrane remains in place despite soil settlement, which is common when building on a landfill.

Liquid Boot® UltraShield G-1000 is a polypropylene, staple fiber, non-woven geotextile. The fibers are needled-punched, forming a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and biological and chemical environments found in soils. Manufacturing Quality Control tests have been performed and are accredited by the Geosynthetic Accreditation Institute's Laboratory Accreditation Program (GAI-LAP).

### BENEFITS

- UltraShield®, installed directly over the finished membrane, provides protection from other trades

### PACKAGING

- 15 ft. x 180 ft. Rolls

### PHYSICAL PROPERTIES

PROPERTIES	TEST METHOD	VALUE (ENGLISH)	VALUE (METRIC)
Tensile Bond Strength to Concrete	ASTM C 297-94	7 psi	
Mass/Unit Area	ASTM D 5261	10.0 oz/yd <sup>2</sup>	339 g/m <sup>2</sup>
Thickness	ASTM D 5199	105 mils	2.7 mm
Tensile Strength	ASTM D 4632	270 lbs.	1202 N
Elongation	ASTM D 4632	50%	50%
Mullen Burst	ASTM D 3786	520 psi	3585 kPa
Puncture Strength	ASTM D 4833	180 lbs.	801 N
Trapezoid Tear	ASTM D 4533	105 lbs.	467 N
UV Resistance	ASTM D 4355	70%	70%
A.O.S.	ASTM D 4751	100 U.S. Sieve	0.150 mm
Permittivity	ASTM D 4491	1.2 sec <sup>-1</sup>	1.2 sec <sup>-1</sup>
Permeability	ASTM D 4491	0.30 cm/sec	0.30 cm/sec
Water Flow Rate	ASTM D 4491	85 gal/min//ft <sup>2</sup>	3463 l/min/m <sup>2</sup>

### AVAILABILITY

Shipping available from the following location:

- CETCO, 1001 S Linwood Ave, Santa Ana, CA
- CETCO, 218 NE Industrial Park Rd, Cartersville, GA

Contact your local technical sales manager at:  
714-384-0111 or 800-527-9948

### LIMITATIONS

- N/A