



## Geo-Seal® BOND G



### Product Description

Geo-Seal BOND G is a protective geotextile used as a protective cap sheet for previously applied Geo-Seal CORE layer or additional protection course when needed for site-specific conditions. Geo-Seal BOND G resists ultraviolet deterioration, rotting, biological degradation, naturally occurring basics and acids, while providing a strong protection layer to modern-day construction rigors.

Composition: Geo-Seal BOND G is a needle-punched non-woven geotextile made of 100% polypropylene staple fibers formed into a random network for dimensional stability.

### Technical Data

Properties: See physical properties table

Coverages: See packaging and coverage table

### Physical Properties

Property	Method	BOND G31	BOND G35	BOND G40	BOND G60	BOND G80	BOND G100	BOND G120
Weight		3.1 oz.	3.5 oz.	4.0 oz.	6.0 oz.	8.0 oz.	10.0 oz.	12.0 oz.
Grab Tensile Strength	ASTM D 4632	80 lbs.	90 lbs.	100 lbs.	160 lbs.	205 lbs.	250 lbs.	305 lbs.
Grab Elongation	ASTM D 4632	50%	50%	50%	50%	50%	50%	50%
Trapezoid Tear Strength	ASTM D 4533	30 lbs.	40 lbs.	45 lbs.	60 lbs.	85 lbs.	100 lbs.	115 lbs.
CBR Puncture Resistance	ASTM D 6241	175 lbs.	265 lbs.	300 lbs.	410 lbs.	535 lbs.	700 lbs.	850 lbs.
Permittivity	ASTM D 4491	2.20 sec <sup>1</sup>	2.00 sec <sup>1</sup>	2.00 sec <sup>1</sup>	1.5 sec <sup>1</sup>	1.40 sec <sup>1</sup>	1.20 sec <sup>1</sup>	1.00 sec <sup>1</sup>
Water Flow	ASTM D 4491	150 gpm/ft <sup>2</sup>	150 gpm/ft <sup>2</sup>	140 gpm/ft <sup>2</sup>	110 gpm/ft <sup>2</sup>	95 gpm/ft <sup>2</sup>	80 gpm/ft <sup>2</sup>	75 gpm/ft <sup>2</sup>
Apparent Opening Size (AOS)	ASTM D 4751	50 Std. U.S. Sieve	50 Std. U.S. Sieve	70 Std. U.S. Sieve	70 Std. U.S. Sieve	80 Std. U.S. Sieve	100 Std. U.S. Sieve	100 Std. U.S. Sieve
UV Resistance	ASTM D 4355	70%/500 hrs	70%/500 hrs	70%/500 hrs	70%/500 hrs.	70%/500 hrs	70%/500 hrs.	70%/500 hrs.

### Packaging & Coverage

Product	Width x Length	Area Per Roll SQY	Area Per Roll SF	Roll Weight			
BOND G31, G35, G40				BOND G31	BOND G35	BOND G40	
	12.5 x 360 ft.	500 sq. yards	4,500 SF	125 lbs.	130 lbs.	146 lbs.	
	15.0 x 360 ft.	600 sq. yards	5,400 SF	145 lbs.	150 lbs.	172 lbs.	
BOND G60, G80, G100, G120				BOND G60	BOND G80	BOND G100	BOND G120
	12.5 x 360 ft.	500 sq. yards	4,500 SF	195 lbs.	250 lbs.	320 lbs.	375 lbs.
	15 x 300 ft.	500 sq. yards	4,500 SF	195 lbs.	250 lbs.	320 lbs.	375 lbs.

Specification Writer: Contact EPRO before writing specifications on this product

### Installation

Preparation: Rolls should be inspected for damage prior to application.

Application: Roll out Geo-Seal BOND G over desired substrate and overlap seams a minimum of 4".

### Availability and Packaging

Geo-Seal BOND G is available in 3.5 oz., 6 oz., 8 oz. and 10 oz. weights. Additional weights available upon request. See physical properties table below. Contact a local EPRO installer or authorized applicator. ([www.eproinc.com](http://www.eproinc.com)).

### Technical Services and Information

Complete technical services and information are available by contacting EPRO at 800.882.1896 or [www.eproinc.com](http://www.eproinc.com).

### Warranty

Limited Warranty: EPRO Services, Inc. believes to the best of its knowledge that performance tables are accurate and reliable. EPRO warrants this product to be free from defects. EPRO makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. EPRO's liability shall be limited in all events to supplying sufficient product to repair the specific areas to which defective product has been applied. EPRO shall have no other liability, including liability for incidental or resultant damages, whether due to breach of warranty or negligence. This warranty may not be modified or extended by representatives of EPRO or its distributors.