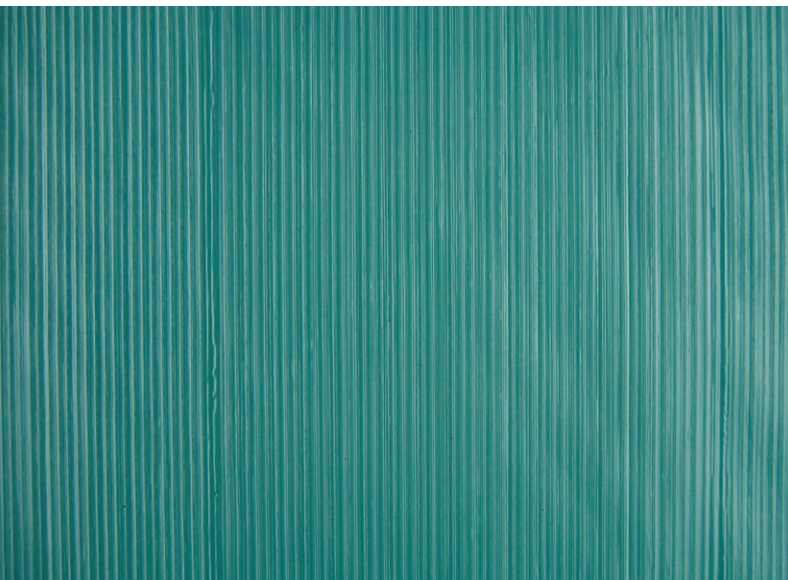




Geo-Seal® FILM 16



Product Description

Basic Use: Geo-Seal FILM 16 is a superior options for use as the Base course in the Geo-Seal vapor intrusion barrier system. Geo-Seal FILM 16 provides a thermoplastic membrane option for increased chemical resistance and overall system robustness.

Composition: Geo-Seal FILM 16 is a 16 mil geomembrane comprised of high density polyethylene (HDPE). While Geo-Seal FILM 16 is installed as a Base component of the EPRO Geo Seal system assembly, it alone exceeds all Class A, B, and C vapor barrier requirements.

Benefits

- Excellent chemical resistance
- Large roll size drastically minimizes seams
- High puncture resistance
- Impermeable to water

Limitations

- Should not be used as the sole means of building protection
- Additional weight should be used during application in windy conditions
- Excessive moisture must be removed prior to welding seams

Technical Data

Properties: See physical properties table

Coverages: One roll covers 1800 square feet, not including overlaps or waste

Specification Writer: Contact EPRO before writing specifications on this product. Geo-Seal system assemblies should be reviewed in order to meet project specific site conditions.

Installation

Preparation: Please refer to manufacturer's specifications for substrate requirements. Rolls should be inspected for cosmetic damage prior to application. If heat welding seams, calibrate hot air welder settings to create a continuous uniform weld that is free from deficiencies.

Application: Please refer to manufacturer's specifications. For a heat welded seam, overlap the seams of Geo-Seal FILM 16 a minimum of 6" and then create uniform 1.5" hot air welded along the length of the seam.

Availability and Packaging

Contact EPRO sales representative for local distributors or authorized applicators (www.eproinc.com).

Roll Size: 12' x 150' unfolded rolls, 137 lbs

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 retreat 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.

Equipment

Welding Equipment: Leister Technologies GHIBLI-AW hot air hand welder or an automated hot air welder similar to Leister Technologies VARIMAT V2 or equivalent

Tools: Heat resistant silicone seam roller, blunted point seam probe

Smoke Testing: EPRO Smoke Test Machine for underslab applications

Technical Services and Information

Complete technical services and information are available by contacting EPRO at 800.882.1896 or www.eproinc.com.



Geo-Seal® FILM 16

Typical Physical Properties

Physical Property	Test Method	Value
Material.....		HDPE
Color		Green
Thickness		16 mil
Classification.....	ATSM E 1745	Exceeds Class A, B & C
Water Vapor Permeance	ATSM E 96029 perms
Tensile Strength	ATSM E 154 (ATSM D 882).....	63 lbf/in
Puncture Resistance	ATSM D 1709.....	2,750 grams Method B
Life Expectancy.....	ATSM E 154	Indefinite
Chemical Resistance.....	ATSM E 154	Unaffected

Dimensions: 12' x 150'
 Weight: 137 pounds

