



Geo-Seal® FILM 5



Product Description

Basic Use: Geo-Seal FILM 5 is an option to use as a base or protection layer in the EPRO Geo-Seal vapor intrusion barrier system.

Composition: Geo-Seal FILM 5 is a 5 mil geomembrane comprised of high density polyethylene (HDPE). The film is cross laminated to create ridges that enhance the bond between the Geo-Seal FILM 5 and Geo-Seal CORE.

Benefits

- Lower cost alternative base layer for sites with sand substrates
- Provides a value engineering option
- Large roll size drastically minimizes seams
- Lightweight for easy transport around job site

Limitations

- Should not be used as the sole means of building protection
- Additional weight should be used during application in windy conditions
- Smooth and compacted substrates are required for use
- Thermal expansion may occur in high temperatures

Technical Data

Properties: See physical properties table

Coverages: Roll covers 1849.5 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.

Application: Please refer to manufacturer's specifications. General guidelines include 6" overlaps with a 30 mil application of Geo-Seal CORE in the seam overlap.

Availability and Packaging

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

Roll Size: 12.33' x 150' unfolded rolls, 60 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

Seaming: AD-55 Sprayer, available through EPRO for application of Geo-Seal CORE in seam overlaps, or by hand using Geo-Seal CORE Detail.

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.



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Typical Physical Properties

| Physical Property | Test Method | Value |
|-----------------------------|------------------------------|--------------------|
| Material..... | | HDPE |
| Color | | White |
| Thickness | | 5 mil |
| Classification..... | ASTM E 1745 | Exceeds Class C |
| Water Vapor Permeance | ASTM E 96 | .110 perms |
| Tensile Strength | ASTM E 154 (ATSM D 882)..... | 21 lbf/in |
| Puncture Resistance | ASTM D 1709 | 500 grams Method A |
| Life Expectancy..... | ASTM E 154 | Indefinite |
| Chemical Resistance..... | ASTM E 154 | Unaffected |

Dimensions: 12.33' x 150'
 Weight: 60 pounds