



## e.base 305

### Product Description

**Basic Use:** e.base 305 is a base course for pre-applied underslab applications for low risk sites impacted by methane gas. It can also be utilized as a protection course

**Composition:** e.base 305 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 e.base 305 and e.spray.

### Benefits

- Lower cost alternative base layer for sites with sand substrates
- Provides a value engineering option when used as a protection course
- 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. E.Series 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 e.spray in the seam overlap.

### Availability and Packaging

Contact EPRO sales representative for local distributors or authorized applicators ([www.eproinc.com](http://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 e.spray in seam overlaps, or by hand using e.roll

**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](http://www.eproinc.com).

This product was formally known as Ecoshield-H.



e.base 305

### Typical Physical Properties

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

Dimensions: 12.33' x 150'

Weight: 60 pounds

