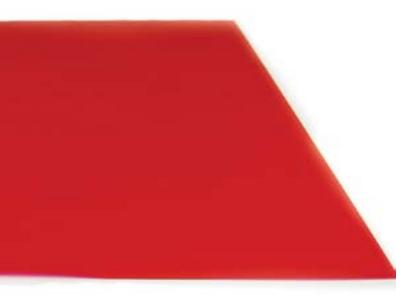


e.shield 115



Product Description

Basic Uses: e.shield 115 is specifically designed to provide a robust protection course for E.Series waterproofing systems being applied to below grade over excavated walls and plaza decks. Within the redundant field installed composite design philosophy, e.shield 115 adds another layer of waterproofing protection, serves as a protection course to the previously installed e.spray layer, and acts as a slip-sheet between the e.drain drainage composite. e.shield 115 exceeds ASTM E 1745 class A, B, and C requirements.

Composition: e.shield 115 is a red 15 mil geomembrane made from a custom blend of polyolefin copolymers.

Benefits

- High puncture resistance and durability enhance system performance and redundancy
- Provides a cost effective option for budget minded projects

Limitations

- Does not contain an additional layer of bentonite
- · Should not be used in lieu of high flow drainage mat

Technical Data

Properties: See physical properties table

Coverages: Roll covers 1800 square feet, not including overlaps or waste.

Specification Writer: Contact EPRO before writing specifications on this product. Test information available upon request.

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" seam 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).

Roll Size: 12' x 150' folded rolls, 144 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.

Technical Services and Information

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

This product was formally known as Ecoshield-E15.



eproinc.com



e.shield 115

Typical Physical Properties

Physical Property	Test Method	Value
Film Material		Polypropylene
Film Color		Red
Film Thickness		15 Mil
Classification	ASTM E1745	Class A, B & C
Water Vapor Permeance	ASTM F1249	0.0078 perms
Tensile Strength	ASTM D882	64 lbf/inch
Puncture Resistance	ASTM D1709	4000 grams
Life Expectancy	ASTM E154	Indefinite
Chemical Resistance	ASTM E154	Unaffected
Low Temp. Impact	ASTM D1790	Resistant to 105° C
Methane Gas Modified	ASTM D1434	252.55 GTR
ACI 302.1 R-96 Minimum Thickenss 10-mils		Exceeds

Dimensions: 12' X 150' Weight: 144 pounds



EPRO Services Inc.

eproinc.com