



BC BUILDING PRODUCTS
THE ENVELOPE SPECIALISTS

TECHNICAL DATA SHEET

Epro e.drain

Manufacturer: EPRO Services, Inc.

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e.drain



Product Description

Basic Use: e.drain has been specifically designed to meet the drainage and protection requirements of below grade waterproofing applications. E.Series utilizes e.drain in applications for over excavated below grade foundation walls to effectively eliminate the buildup of nuisance water, provide another layer of waterproofing redundancy, and provide protection during backfill. e.drain is also applied to shoring as a base course for e.spray. When concrete is applied, the e.drain and e.spray become integrated into the below grade foundation walls, forming a uniform composite system that directs water away and provides a seamless waterproofing membrane.

Composition: e.drain features a lightweight three-dimensional, highly flexible high density polyethylene (HDPE) core and a polypropylene geotextile filter fabric. The filter fabric is bonded to the dimples of the HDPE core.

Benefits

- High density polyethylene core provides a high level of chemical resistance and performs as a waterproofing barrier
- Unique shallow dimple design allows for a uniform application of e.spray
- For shoring applications, e.drain allows waterproofing to become fully integrated into and bonded to the building foundation wall
- Variable widths (6' and 8') provide minimal overlapping of seams and increase installation efficiency
- Suitable for both cast in place concrete and shotcrete

Limitations

- High risk projects may require more redundancy
- Not ideal in backfill applications greater than 20 feet

Technical Data

Properties: See physical properties table

Coverages: 6' and 8' wide rolls cover 394 and 527 square feet, respectively, 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. Substrate must be inspected prior to application to make certain it is in accordance with manufacturer's requirements.

Application: Please refer to manufacturer's specifications. Drainage panels may run horizontally or vertically and must be secured to the wall using manufacturer's approved fasteners and subsequent detailing methods.

Availability and Packaging

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

Roll: 6' x 65.7', 60 lbs. or 8' x 65.7', 73 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

Secure with shot pins using power-actuated fastener or by hand.

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 Ecodrain-E.



e.drain

Typical Physical Properties

Physical Property	Test Method	Value
Dimpled Core		
Core		HDPE
Core Material Thickness		30 mil
Color		Brown
Dimple Height.....	ASTM D1777-96.....	.31"
Compressive Strength	ASTM D6364-06.....	5,200 lbs./ft ²
Flow rate.....	ASTM D4716.....	5.1 gal./min./ft.
Filter Fabric		
Grab Tensile.....	ASTM D4632-91.....	130 lbs.
CBR Puncture Resistance.....	ASTM D6241.....	40 lbs.
Apparent Operating Size	ASTM D4751-99.....	70 sieve size (.0212 mm)
Water Flow Rate	ASTM D4491-99.....	55 gpm/ft ²
UV Resistance	ASTM D4355-92.....	70% (500 hrs)
Dimensions: 6' x 65.7', 8' x 65.7'		
Weight: 6' rolls = 60 lbs., 8' rolls = 73 lbs.		