



## e.drain 12ds



### Product Description

**Basic Use:** e.drain 12ds has been specifically designed for installation at the base of below grade foundation walls to enhance the removal of water away from the building to the specified discharge points.

**Composition:** e.drain 12ds features a lightweight three-dimensional, highly flexible polypropylene core and a non-woven geotextile filter fabric. The filter fabric is bonded to the dimples of the polypropylene core to prevent clogging within the drain.

### Benefits

- Cost effective alternative to traditional pipe and gravel French drains
- Exceptional flow rates
- Excellent compressive strength
- Installation can occur in any weather condition

### Limitations

- Not effective when constantly submerged

### Technical Data

Properties: See physical properties table

Coverages: One roll covers 165 lineal feet

**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. Installation of e.drain 12ds shall occur prior to the placement of any additional drainage composite. e.endout, e.sideout, e.splice, and e.corner fittings shall be used in transition with e.drain as required.

### Availability and Packaging

Contact EPRO sales representative for local distributors or authorized applicators ([www.eproinc.com](http://www.eproinc.com)).

Roll: 165'x 12" x 1", 65 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

No special equipment is required.

### 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 Ecodrain-DS 12.



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### Typical Physical Properties

Physical Property	Test Method	Value
<b>Dimpled Core</b>		
Core Material .....		Polypropylene
Color .....		Black
Compressive strength .....	ASTM D1621 .....	9,500 PSF (455 kN/m <sup>2</sup> )
Thickness .....	ASTM D1777 .....	1"
Flow rate.....	ASTM D4716.....	30 gpm/ft of width

**Filter Fabric**

CBR puncture .....	ASTM D6241 .....	250 lbs.
Grab tensile strength.....	ASTM D4632 .....	100 lbs
AOS .....	ASTM D4751 .....	70 U.S. sieve
Permitivity .....	ASTM D4491 .....	2.0 sec <sup>-1</sup>
Flow rate.....	ASTM D4491 .....	140 gpm/ft <sup>2</sup>
UV resistance .....	ASTM D4355.....	70% (500 hrs)

Dimensions: 165' x 12" x 1"  
Weight: 65 pounds

