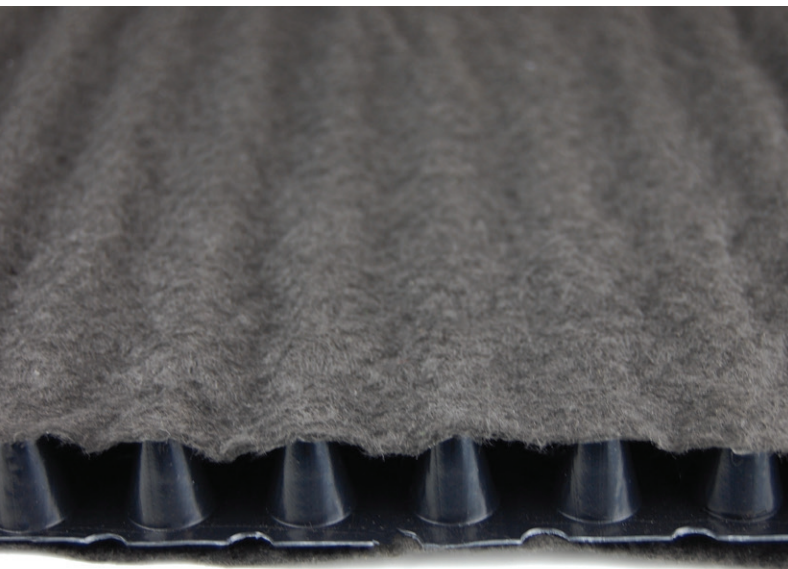




## Vapor-Vent



### Product Description

**Basic Use:** Vapor-Vent vapor collection system is a composite low profile pressure relief and collection system designed to mitigate the build up of methane gas and contaminated vapor under an overlying structure. Vapor-Vent is most commonly designed to operate passively, but may also be designed as an active system when conditions require.

**Composition:** Vapor-Vent features a lightweight, three-dimensional, highly flexible polypropylene core and a non-woven geotextile filter fabric. The filter fabric is bonded to the polypropylene core to prevent fine substrates, such as sand, from clogging the vent pipe.

### Benefits

- Cost effective alternative to traditional trenched PVC or ADS pipe systems
- Placed directly below the barrier system to drastically reduce vapor accumulation under the structure
- Can operate as a passive system with the ability to activate in the future

### Limitations

- Not effective when constantly submerged
- Should be placed within permeable substrates

### Technical Data

**Properties:** See physical properties table  
**Coverages:** One roll covers 165 lineal feet. Radius of influence is 25', maximum spacing between Vapor-Vent runs is 50'. Vent riser locations should be identified by an environmental engineer prior to installation.

**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. Substrate must be compacted and inspected prior to installation, to make certain it is in accordance with manufacturer's requirements.

**Application:** Please refer to manufacturer's specifications. Installation of Vapor-Vent shall occur after the preparation of substrate and prior to the placement of the barrier system. Vapor-Vent end outs shall be used in transition to vertical vent risers 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).



## Vapor-Vent

### Typical Physical Properties

Physical Property	Test Method	Vapor-Vent Poly	Value
Material .....		Polystyrene.....	HDPE
Comprehensive Strength .....	ASTM D 1621 .....	9,000 lbs/ft <sup>2</sup> .....	11,400 lbs/ft <sup>2</sup>
In-plane flow (Hydraulic gradient-0.1) .....	ASTM D 4716 .....	30 gpm/ft of width .....	30 gpm/ft of width
Chemical Resistance .....		N/A .....	Excellent

#### FABRIC PROPERTIES

Grab Tensile Strength .....	ASTM D 4632 .....	100 lbs .....	110 lbs
Puncture Strength .....	ASTM D 4833 .....	65 lbs .....	30 lbs
Mullen Burst Strength .....	ASTM D 3786.....	N/A .....	90 PSI
AOS .....	ASTM D 4751 .....	70 U.S. Sieve .....	50 U.S. Sieve
Flow Rate .....	ASTM D 4491 .....	140 gpm/ft <sup>2</sup> .....	95 gpm/ft <sup>2</sup>
UV Stability (500 hours) .....	ASTM D 4355 .....	N/A .....	70% Retained

#### DIMENSIONAL DATA

Thickness .....	1 inch .....	1 inch
Standard Widths .....	12 inches .....	12 inches
Roll Length .....	165 ft .....	165 ft
Roll Weight .....	65 lbs .....	68 lbs