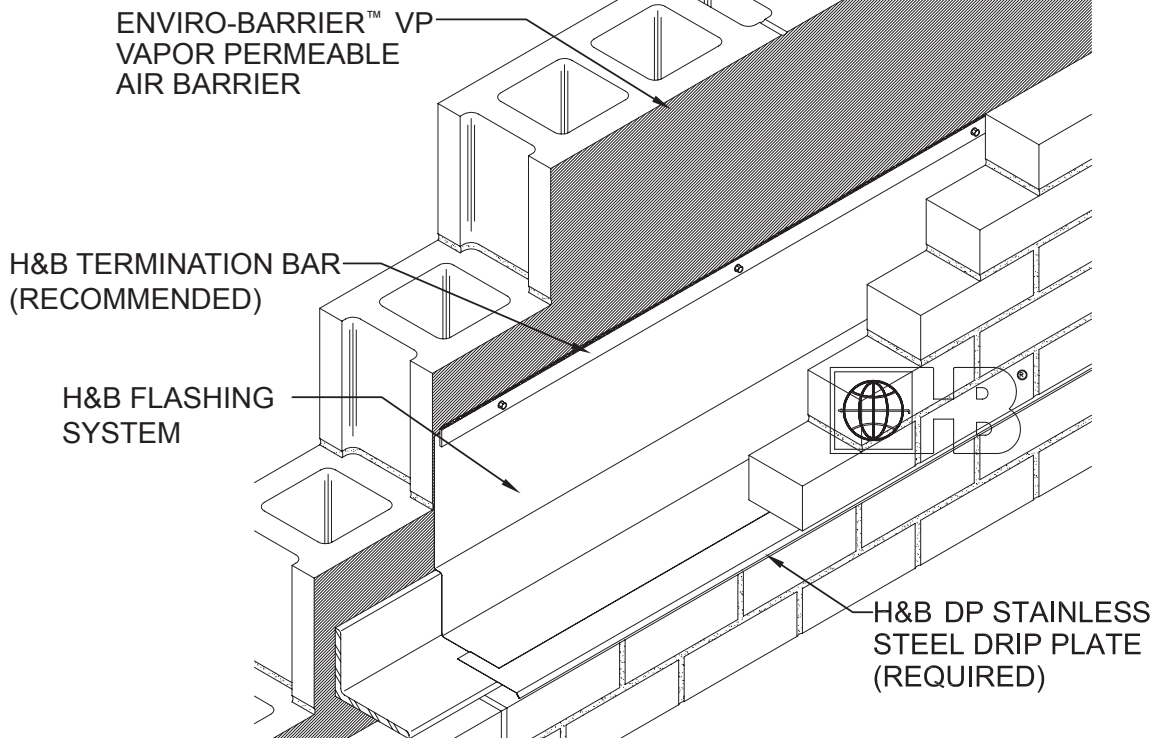


**HOHMANN & BARNARD, INC.**  
a MiTek company

# ENVIRO-BARRIER™ VP

## Vapor Permeable Air Barrier



DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY

**ENVIRO-BARRIER™ Vapor Permeable Air Barrier**  
Single component, fluid applied, elastomeric membrane

**Product Description:**

- Elastomeric membrane for above grade wall assemblies.
- Asphalt free formulation.
- VOC-Free, HAP's-Free & Asbestos-Free.
- Remains flexible over a wide temperature range.
- Exceeds the highest industry standards for air barrier performance.
- Maintains excellent adhesion on most construction materials.
- Cost effective.

**Basic Uses:**

H&B's Enviro-Barrier™ VP features an asphalt-free formulation and maintains excellent adhesion on most construction materials including exterior gypsum board, CMU, concrete, stone, metal and much more.

**Application:**

Enviro-Barrier™ VP must be applied to a surface that is free from all foreign matter. This material should remain dry until it has cured. Enviro-Barrier™ VP, can be brushed, rolled, or sprayed; and should only be applied to above grade wall assemblies. Visit [h-b.com](http://h-b.com) for detailed instructions.

<b>Color:</b>	Light Blue Curing to Blue
<b>Coverage Rate:</b>	
CMU/CONCRETE:	60 sq. ft. (25 mils wet) per gallon
EXTERIOR SHEATHING:	75 sq. ft. (20 mils wet) per gallon
<b>Solids by Weight:</b>	65%
<b>Weight Per Gallon:</b>	10.2 pounds
<b>Perm Rating :</b>	>10 perms (ASTM E96)
<b>UV Resistance:</b>	Up to 120 Days
<b>Application Temperature:</b>	40° – 120° F
<b>Recyclables By Weight:</b>	30%
<b>Dry Time:</b>	
<b>Tack Free:</b>	2 – 4 hrs
<b>Full Cure:</b>	4 – 24 hrs
<b>Testing:</b>	<b>ASTM E2178, ASTM E96, and ASTM E2357</b>
<input type="checkbox"/> <b>5 Gallon Pail</b>	<input type="checkbox"/> <b>55 Gallon Drum</b>

**IMPORTANT:** Since each construction project is unique, the appropriate selection and use of any product contained herein must be determined by competent architects, engineers and other appropriate professionals who are familiar with the specific requirements of the project in question. This drawing and/or data sheet is the confidential and proprietary information of Hohmann & Barnard, Inc. and is not to be reproduced, copied or disclosed, in whole or in part, without the prior written consent of H&B.

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# ENVIRO-BARRIER VP™

## Elastomeric Fluid Applied Vapor Permeable Air Barrier

### Manufacturer

Hohmann & Barnard  
30 Rasons Court  
Hauppauge, NY 11788-4206

### Product Description

ENVIRO-BARRIER VP is a single component, fluid applied, elastomeric membrane to provide an air and water barrier when applied to above grade wall assemblies. It cures to form a resilient, monolithic, fully adhered elastomeric membrane, which resists air leakage and water penetration but allows vapor diffusion.

- Remains flexible over a wide temperature range
- Meets and exceeds highest industry standards for air barrier performance
- Cost effective easy spray application
- Asphalt-free formulation
- Excellent adhesion to most construction materials such as exterior gypsum board, CMU, concrete, stone, wood and metal.

### Preparation

All masonry surfaces to receive ENVIRO-BARRIER VP shall be thoroughly dry, clean and free from loose materials, and reasonably smooth. Expansion and control joints and exterior sheathing joints must be detailed (*please refer to Exterior Sheathing Prep Tech Note*)

### Application

ENVIRO-BARRIER VP may be applied by brush or heavy-duty airless spray equipment in a single monolithic application with sags, runs or voids. ENVIRO-BARRIER VP must transition onto detail membranes to create a seamless air-tight plane. Regularly monitor wet mil thickness during application to assure adequate coverage. Coverage rate should be 60 square feet per gallon to achieve a 25-mil wet film thickness on CMU, and 75 square feet per gallon to achieve 20 mil wet film thickness on sheathing. (*Please refer to installation instruction guide and recommended details.*)

### Inspection

All areas that receive H&B ENVIRO-BARRIER VP should be regularly inspected for uniformity of application and checked periodically using a wet film mil thickness gauge.

### Limitations

ENVIRO-BARRIER VP should not be used in areas where it will be permanently exposed to sunlight, weather or traffic. Maximum exposure time should be 120 days. Do not apply ENVIRO-BARRIER VP to a wet surface. Upon initial tack cure, light rain showers will not affect the membrane.

### Packaging

ENVIRO-BARRIER comes in 5-gallon pails and 55-gallon drums.

### Storage & Handling

ENVIRO-BARRIER VP should be stored under cover in original sealed containers above 40°F and below 100°F. ALWAYS keep ENVIRO-BARRIER VP from freezing. The shelf life for unopened containers is 1 year.

### Cleanup

Wet uncured material may be removed with soapy water. For dry fully cured primer, a citrus-based cleaner may be used.

**ENVIRO-BARRIER VP Test Data**

<b>Test</b>	<b>Method</b>	<b>Result</b>
Air Permeance	ASTM E2178	0.0008 cfm/ft <sup>2</sup>
Air Barrier Assembly	ASTM E2357	Infiltration @ 75Pa – 0.0002 cfm/ft <sup>2</sup> Exfiltration @ 75Pa – 0.0002 cfm/ft <sup>2</sup>
Water Vapor Permeance	ASTM E96	>10 perms
Elongation	ASTM D412	600%
Pull Adhesion	ASTM D4541	139 psi
Low Temp. Flexibility	ASTM C836	Pass
Peel Strength	ASTM D903	5.1 lbf/in
Color		Light Blue
Application Temperature		40°F - 120°F
Percentage of Solids		65%
UV Resistance		Up to 120 days
Flame Spread Index	ASTM E84	5 (Class A Fire Rating)
Smoke Developed Index	ASTM E84	5 (Class A Fire Rating)
Drying Time		Tack Free 2 – 4 hours Full Cure 24 – 48 hours

**Warranty**

Contact the manufacturer for complete information on product warranty conditions, duration and remedies. Hohmann & Barnard, Inc. makes no warranties, either expressed or implied, of correctness and fitness for use for any particular purpose. The recipient agrees that any use of product information and electronic files is at their own risk. In no event shall Hohmann & Barnard, Inc., be liable for direct, indirect or consequential damages as a result of the recipient use or reuse of product information or electronic files. Hohmann & Barnard, Inc., shall be held harmless against all damages, liabilities or costs, including reasonable attorney fees and defense costs, arising out of or resulting from use of product information or electronic files.