

# ENVIRO-BARRIER VP™

## Elastomeric Fluid Applied Vapor Permeable Air Barrier

### Manufacturer

Hohmann & Barnard  
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### 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.

## **Complies with NFPA 285 in various wall assemblies**

### 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. 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**

Test	Method	Result
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**

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