

ENVIRO-BARRIER™ VP HB (High Build)

Elastomeric Fluid Applied Vapor Permeable Air Barrier

Manufacturer

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

Product Description

ENVIRO-BARRIER™ VP HB 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 HB 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 HB may be applied by brush or heavy-duty airless spray equipment in a single monolithic application. ENVIRO-BARRIER™ VP HB 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 20 square feet per gallon at 76-mil wet film thickness on CMU to achieve 50-mil dry thickness.

Inspection

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

Limitations

ENVIRO-BARRIER™ VP HB 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 HB 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 HB should be stored under cover in original sealed containers above 40°F and below 100°F. ALWAYS keep ENVIRO-BARRIER™ VP HB 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 HB Test Data

Test	Method	Result
Air Permeance	ASTM E2178	0.0006 cfm/ft ²
Air Barrier Assembly	ASTM E2357	Infiltration @ 75Pa – 0.0002 cfm/ft ² Exfiltration @ 75Pa – 0.0002 cfm/ft ²
Water Vapor Permeance	ASTM E96	>12 perms
Elongation	ASTM D412	600%
Pull Adhesion	ASTM D4541	176 psi
Low Temp. Flexibility	ASTM C836	Pass
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.