

# ENVIRO-BARRIER™ VP

ENVIRO-BARRIER™ VP is a single component, fluid applied, elastomeric membrane that provides 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.

## KEY FEATURES

- » Elastomeric membrane for above grade wall assemblies.
- » Asphalt free formulation.
- » Remains flexible over a wide temperature range.
- » Fire/Flame Characteristics: NFPA 285, ASTM E84 (Class A) criteria met in multiple assemblies. Meets 2015 IBC exceptions for water-resistive barriers.
- » Cost effective and easy spray application.
- » Excellent UV resistance.
- » Excellent adhesion to most construction materials, such as exterior gypsum board, CMU, concrete, stone, wood and metal.

- » Mortar droppings should be removed from brick anchors and all other surfaces.

### Exterior Sheathing:

- » Sheathing boards shall be flush at joints with gaps between boards in accordance with building codes and sheathing manufacturer's instructions.
- » Sheathing boards shall be securely fastened to the structure with proper fastener type and must be installed flush with the surface. Fill all voids and holes, particularly at the mortar joints.
- » Seal all joints with X-Seal Transition Membrane over primed surface, or use HB Sealant after applying ENVIRO-BARRIER™ VP. Selection depends on the size of the gap. Refer to the chart below for recommended methods.

## INSTALLATION INSTRUCTIONS

### SURFACE PREPARATION

All surfaces to receive Hohmann & Barnard ENVIRO-BARRIER™ VP must be clean, smooth and free from projections, oil, grease and other contaminants.

#### Concrete:

- » New concrete should be cured for a minimum of 48 hours and shall be smooth with no sharp protrusions.
- » Honeycombing and cracks/voids up to 1/4" shall be filled with HB Sealant after application of ENVIRO-BARRIER™ VP.
- » Cracks/voids in excess of 1/4" should be sealed with X-Seal Transition Membrane over a primed substrate and lapped a minimum of 3" on both sides of the crack.

#### Concrete Masonry Unit (CMU):

- » All mortar joints must be struck flush and full to the face of the CMU.
- » Cracks/voids up to 1/4" shall be filled with HB Sealant after application of ENVIRO-BARRIER™ VP.
- » Cracks/voids in excess of 1/4" should be sealed with X-Seal Transition Membrane over a primed substrate and lapped a minimum of 3" on both sides of the crack.

Joint Size	Method
Up to 1/4" Single bead	HB Liquid-Flash™ and HB Sealant
1/4 - 1/2"	X-Seal Transition Membrane with Primer SA
Over 1/2"	N/A - Unsuitable substrate

### DETAILING

Dissimilar material transitions to beams, columns, window and door frames, etc. should be made with a 6" wide strip of X-Seal Membrane (over Hohmann & Barnard Primer-SA) or Hohmann & Barnard Liquid-Flash™ PRIOR to the application of ENVIRO-BARRIER™ VP. Gaps around penetrations should be sealed with HB Sealant after application of ENVIRO-BARRIER™ VP. For specific applications, please refer to Hohmann & Barnard detail sheets.

### APPLICATION

- » ENVIRO-BARRIER™ VP may be applied by brush, roller or heavy-duty airless spray in a single or dual coat application.
- » Apply in continuous, monolithic application without sags, runs or voids.