



VYCOR enV

Fluid-applied. Fully-adhered.

Vapor permeable. Durable.

Vycor enV solves many of the challenges facing traditional housewrap and building paper. A fully-adhered system is the best insurance against water and air intrusion. Here's why:

**Fully Adhered**

Water can get behind housewrap either through a tear or penetration and cause wall damage. Vycor enV forms a fullybonded coating that seals and protects the wall from moisture.

**Post-Applied Fasteners**

Post-applied fasteners such as nails and screws, can create thousands of additional penetrations through the WRB (Weather Resistive Barriers).

Vycor enV gaskets around the fasteners as verified through ASTM water and air leakage testing.

**Seamless**

Taped seams and fasteners are potential weak points for air and water intrusion. Vycor enV completely covers all seams and fasteners, forming a protective barrier.

**Durability & Repairability**

The WRB can be torn or damaged during construction compromising long-term performance.

Vycor enV will not tear. Should damage occur, it is fast and easy to repair.

**Simplified Detailing**

Proper installation and integration of the flashing to the WRB, especially around windows, doors and vents, is critical.

Vycor enV's simple, one-step flashing transition ensures a high-performance detail, every time.



- The Vycor enV system and its components contribute points toward the U.S. Green Building Standard.
- Home Certification Program for energy efficient homes.
- EPA Program for builders who want to build homes which outperform the current standards.

## Vycor enV is a high performance weather resistive barrier that protects against water and air intrusion.

### Water Barrier

- Protects against bulk water intrusion – keeps the sheathing and framing materials dry.
- Reduces risk of moisture related problems. Improves building durability and decreases maintenance costs.

### Air Barrier

- Limits air flow both into and out of the building envelope.
- Reduces energy costs, improves occupant comfort and prevents moisture buildup.

### Breathability

- Allows for the transmission of water vapor.
- Prevents build up of water vapor and increases rate of drying.

### Durable

- Resistance to tearing, UV exposure and other construction-related damage.
- Consistent long-term performance, labor and material replacement cost management.

### How to Install Vycor enV

Vycor enV is easier to install than sheet wraps and can be installed by any trained applicator. Call GCP for local training schedule or to find a trained applicator in your area.

1. Spray or roll 8-10 mil Vycor enV over all sheathing joint and rough openings
2. Embed Vycor enV Tape into the already sprayed Vycor enV to cover all the sheathing joints and rough openings
3. Spray or roll Vycor enV over the entire wall surface to 30 mil

### The Vycor enV system includes:

- Vycor enV fluid applied WRB (avail in 5gal and 55gal)
- Vycor enV tape
- Vycor Plus flexible flashing (avail in 6in, 9in & 12in rolls)

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TP-160A 1216