

BUILDING ENVELOPE SYSTEMS®

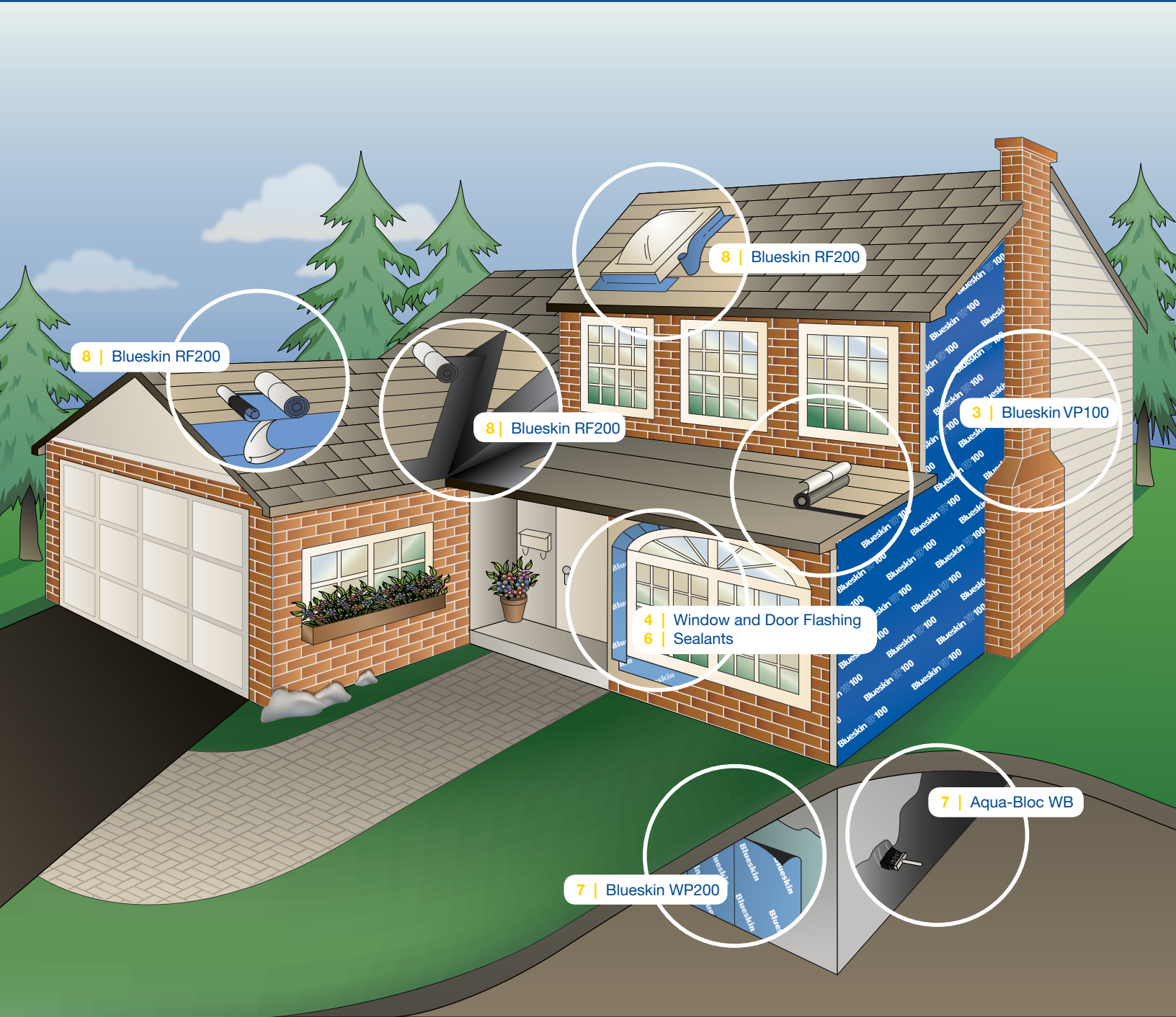
Residential Products



Enhancing the building envelope for a more comfortable, energy efficient home.

ROOFING | AIR BARRIERS | WATERPROOFING

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Blueskin VP100

Drawing on decades of commercial air barrier experience, Henry created Blueskin VP100, a fully-adhered vapor permeable air barrier designed for residential applications. Blueskin VP100 is resistant to water and helps stop uncontrolled air leakage to improve building comfort, safety and energy efficiency.

Features

- Tri-laminate polypropylene fabric with a patented, pressure-sensitive adhesive fully bonds to sheathing, eliminating the need for mechanical fasteners
- Self-sealing around fasteners, making it fully water resistant
- Excellent adhesion to most construction surfaces
- Improves insulation performance by eliminating wind washing of insulation caused by pressure cycling
- Improves occupant comfort by helping to eliminate drafts
- Sealed laps help protect against mold growth and other damaging effects of water and moisture intrusion

Pays for itself in energy savings

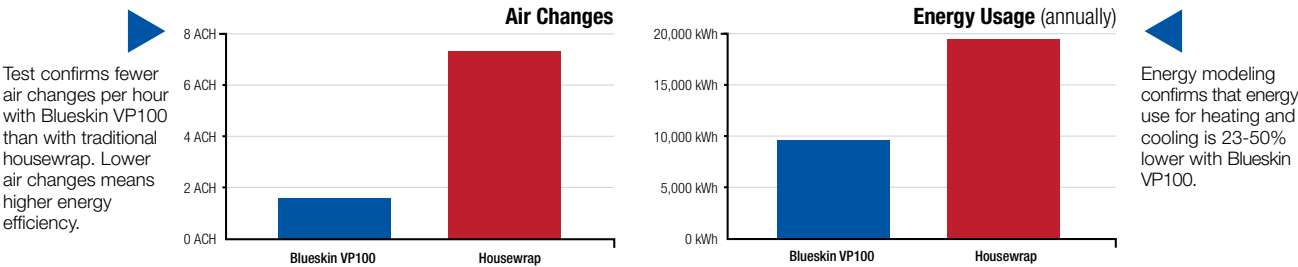
Blueskin VP100 is an upgrade over traditional housewrap. As the comparison below confirms, energy savings over time can pay for this upgrade. The figures below were derived from actual case studies where Blueskin VP100 was installed. Blower door tests as seen in figure 1 provide important data such as ACH (air changes per hour), that provide accurate air leakage rates for buildings.



Sizes Available

- Widths – 4"(10.16 cm), 6"(15.24 cm), 9"(22.86 cm), 12"(30.48 cm), 48"(121.92 cm)
- Length – 100'(30.48 m)
- Thickness – 19 mils

Figure 1.



*Based on Hot2000 Simulation, Denver, CO; for a two story, 2,000 sq. ft. home. **ACH values were derived from experience gained in actual blower door tests. ***Savings are derived from the increased air tightness only. ****Costs of upgrade and energy costs used are based on national averages.

Comparison with Blueskin VP100	Housewrap Alone*
Cost of Blueskin VP100 Upgrade	up to \$1,830*
Monthly Energy Savings	up to \$41
Annual Energy Savings	up to \$492
Investment Payback	3.7 years

Annual payback, \$372. Savings over 30 years, \$11,160!

*Costs and savings based on experience gained in actual blower door tests. Costs and savings may vary based on conditions of structure, such as whether building contains existing air sealing and current interest rates.

4 Blueskin WB25 and Blueskin WB

Blueskin WB25 and Blueskin WB Window and Door Flashing

Professional builders know that damage from moisture penetration is the #1 complaint from homeowners. Blueskin WB25 and Blueskin WB seal off the tiny gaps between wall sheathing and windows, doors, skylights and more to prevent water, vapor and air leaks. As an effective air, water and vapor barrier, Blueskin WB25 and Blueskin WB Window and Door Flashing provides protection against air infiltration and water damage, helping to improve a home's energy efficiency year-round.

Blueskin WB25 and Blueskin WB Window and Door Flashing self-seal around nails, screws and staples. They adhere to plywood, OSB, CMU, lumber, exterior grade gypsum sheathing, aluminum or vinyl clad windows. The flame-free, peel-and-stick installation can be completed in temperatures as low as 10° F (-12° C).

Sizes Available

Blueskin WB25

- Widths of 4"(10.16 cm), 6"(15.24 cm), 9"(22.86 cm) and 12"(30.48 cm)
- Lengths of 75'(22.86 m)
- Also available in 18"(45.72 cm) and 36"(91.44 cm) widths for wall details
- Thickness – 25 mils

Blueskin WB

- Widths of 4"(10.16 cm), 6"(15.24 cm), 9"(22.86 cm), 12"(30.48 cm), 18"(45.72 cm) and 36"(91.44 cm)
- Lengths of 50'(15.24 m)
- Also available in 18"(45.72 cm) and 36"(91.44 cm) widths for wall details
- Thickness – 35 mils



Features

- A self-adhered rubberized flashing membrane
- Fast, easy peel-and-stick application
- Self-sealing and puncture-resistant
- Adheres at a wide range of temperatures



Blueskin Butyl Flash Window and Door Flashing

Protecting against moisture penetration is a top priority of professional builders. Blueskin Butyl Flash Window and Door Flashing is designed for use as a concealed peel-and-stick membrane protecting against water, air and moisture infiltration. It is commonly used to provide a weather tight seal around windows and doors, joints in sheathing, and as a general flashing in residential construction.

Features

- Maximum protection against rain and air infiltration, preventing drafts and moisture damage
- Fast and easy peel-and-stick application
- Aggressive high tack
- Self-sealing when punctured
- Compatible with a majority of substrates without primer

Sizes Available

- Widths of 3"(7.62 cm), 4"(10.16 cm), 6"(15.24 cm), 9"(22.86 cm) and 12"(30.48 cm)
- Length of 75'(22.90 m)



Air-Bloc LF

Air-Bloc LF is a moisture-curing one component elastomeric fluid applied flashing membrane using a highly advanced STPe (Silyl-Terminated Polyether) polymer. It is designed to cure through reaction with airborne moisture to provide a heavy-duty "seamless" rubber-like, impervious membrane with excellent weathering and water resistance.



Features

- Fast curing, high solids, single component
- Low VOC, low odor
- Excellent adhesion to prepared substrates of concrete, concrete block, primed steel, aluminum mill finish, anodized aluminum, galvanized metal, exterior grade gypsum board and plywood
- Impermeable to air and water
- Excellent compatibility with all Henry sheet and liquid air barrier membranes, HE925 BES Sealant and rubberized asphalt
- Easy to install, no special equipment required
- Excellent choice for sealing around complex penetrations, like recessed or retrofit windows

Size Available

- 20 oz (0.6 L) sausage



6 Sealants

Henry 212 All Purpose Crystal Clear Sealant is a one-part, high-performance thermoplastic sealant that, when cured, has excellent adhesion to a variety of surfaces, dry or wet. Rubber-like characteristics enable it to be compressed or extended. Non-sag consistency enables application by caulking gun in vertical and horizontal joints.

Features

- Adheres efficiently, wet or dry, to most building materials and is highly elastic
- Skins over, tack free within 30 minutes
- Exhibits excellent low temperature flexibility
- Offers wide temperature range from -20°F to 160°F (-29°C to 71°C)
- Won't attack or adversely affect building materials such as glass, brick or aluminum
- No primer needed

Size available

- 10.1 oz cartridge



HE925 BES Sealant is a premium, moisture cure, medium modulus sealant for sealing construction joints subject to dynamic joint movement (up to 1" width; dynamic joint movement of +/-25%).

Features

- Seal wall and window penetrations
- One-part, low-odor, very low VOC
- Excellent weathering resistance and flexibility
- Fully compatible with Henry air barrier, flashing, roofing and waterproofing membrane components
- Commonly used as a termination sealant for self-adhered modified bitumen membranes or external joint sealant for air barrier waterproofing and roofing systems

Size available

- 10.3 oz cartridge (1lb.), 20 oz sausage



Colors

- Black and Gray

Blueskin Spray Prep is a rubber-based spray adhesive designed to enhance the adhesion of Blueskin membranes.

Features

- Quick setting
- Aggressive tack provides adhesion of membrane
- Suitable for application at normal and low temperatures
- Easily applied

Packaging

- Blueskin Spray Prep is packaged in 15 oz. spray cans





Blueskin WP200 is a self-adhering composite membrane consisting of an SBS rubberized asphalt compound, integrally laminated to a blue, high-density polyethylene film. The membrane is specifically designed for self-adhering to a prepared substrate, and provides a high-performance waterproofing barrier.

Features

- SBS membrane flexible at low temperatures
- Fully adhered systems prevent lateral water movement
- No flame required
- Factory controlled thickness
- Negligible odor during application
- Has CCMC approval 13297-R as a waterproofing membrane

Size Available

- Thickness - 60 mils (1.5 mm)
- Roll Length - 66.7 ft
- Roll Width - 36"
- Gross Coverage - 200 ft²
- Net Coverage* - 186 ft²

*Based on 2.5" laps both side and end laps



Aqua-Bloc WB Elastomeric Asphalt Emulsion Waterproofing

is an elastomeric, liquid-applied, emulsified asphalt membrane. It is designed for below-grade waterproofing of foundation walls and other structures. Aqua-Bloc WB complies with, and exceeds, the requirements of CAN/CGSB 37.2.

Features

- Seamless low modulus elastomeric membrane
- Excellent adhesion to most construction surfaces such as concrete, stone, wood, preserved wood, metal and polystyrene
- Retains flexibility over a wide temperature range
- Perfect for waterproofing ICF (Insulated Concrete Forms) foundation walls
- Can be applied to damp or green concrete
- Can be applied in one coat or in multiple coats with reinforcing fabric
- Bridges cracks

8 Blueskin RF200 | Blueskin PE200HT

ROOF UNDERLAYMENTS

Blueskin Roof Ice and Water Barrier RF200 is an SBS modified bitumen self-adhering roof underlayment with a textured skid-resistant polyethylene film surface for better traction. The membrane is specifically designed to be self-adhered on sloped roof surfaces as a secondary water barrier under shingles or tile and to protect against water damage caused by ice damming.

Features

- Self-seals when penetrated by mechanical fasteners
- Prevents lateral moisture migration
- Features a premium skid-resistant textured blue film surface for safe application
- Split release backing for fast application
- Meets ASTM D1970 and ICC ESR-1930 standards

Size available

- Thickness - 40 mils
- Coverage - 195 sq. ft. (3 feet wide x 65 linear feet)

Blueskin PE200HT High Temperature Roof Underlayment is a self-adhered roofing underlayment specially formulated to withstand temperatures up to 260°F. Consisting of a high softening point, SBS rubberized asphalt compound, Blueskin PE200HT can be used under metal roof covering. The blue cross-laminated polyethylene film surface will not scratch or abrade the underside of the roof, making it ideal for metal coverings as well as creating a slip-resistant surface for safe installation.

Features

- Serves as a full secondary water barrier in roof assemblies, including architectural metal, shingles or tile
- Stable under high temperature applications often found under metal
- Self-seals when punctured by mechanical fasteners
- Prevents lateral moisture migration
- Features a premium skid-resistant textured blue film surface for safe application
- Meets ASTM D1970 and ICC ESR-1930 standards

Size available

- Thickness - 40 mils
- Coverage - 195 sq. ft. (3 feet wide x 65 linear feet)



For more information, visit www.henry.com

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