

Count on Henry® air barrier systems

Air barrier membranes from Henry® are available in two main types: self-adhered sheet and fluid applied. While both may perform the same function equally well, you need to consider the pros and cons of each type based on your project needs. You also need to select the appropriate primer, flashing and sealant accessories to create an effective building envelope system that meets your building performance requirements.

Advantages of self-adhered sheet air barriers:

- Manufacturer-controlled thickness of membrane
- No mixing or special installation equipment needed
- Easily bridges gaps

Advantages of fluid applied air barriers:

- Provide a seamless, monolithic, durable membrane
- Excellent for complex geometries and rough surfaces
- Easily seal around penetrations

All Henry® air barrier systems are third-party tested to meet codes and demands for durability and sustainability:

Air permeance: Low air permeance per ASTM E2178, ASTM E2357, CAN/ULC S741 and CAN/ULC S742.

Self-gasketing: Meet ASTM D1970 and AAMA 711 for sealing around fasteners, eliminating water penetration even after the exterior facade is installed.

Wall assembly fire test: One of the industry's broadest lines of commercial air barriers that pass as part of various wall assemblies per NFPA 285.

Sustainable and environmental design benefits: Contribute to sustainable design, energy efficiency and LEED credits by utilizing durable, low-VOC air barriers. Health Product Declarations are available for transparency.

Durability: Meet CAN/ULC S741 and S742 test standards to ensure long-term durability.

Blueskin® self-adhered sheet air barriers: a consistent plane of protection

Introduced by Henry® over 30 years ago – and providing trusted performance ever since – self-adhered Henry® Blueskin® air barriers create a continuous membrane upon installation.

- Vapor impermeable and vapor permeable options available
- Precise manufacturing controls the thickness to help ensure uniform performance
- Available in a variety of roll widths – makes for easy handling on site
- Compliant in various NFPA 285 assemblies
- Installation is quick and easy

Air-Bloc® fluid applied air barriers: seamless protection to keep walls dry

With a range of vapor impermeable and vapor permeable options, Air-Bloc® fluid applied air barriers accommodate every climate and substrate for greater flexibility depending on your project needs.

- Low VOC formulations allow compliance with environmental regulations
- Available as single component, with UV stability for permanent exposure
- Apply with standard industry spray equipment, roller or trowel over a wide temperature range
- Available with antimicrobial agents to defend against mold and mildew
- Compliant in various NFPA 285 assemblies

Henry® commercial air barrier systems selection chart

	Primary air barrier membranes								Flashings						Sealants			Primers		
	Fluid applied				Self-adhered sheet															
	Air-Bloc® All Weather STPE ⁵	Air-Bloc® 16MR	Air-Bloc® 17MR	Air-Bloc® 21	Blueskin® VP160	Blueskin® SA	Blueskin® SA LT	Blueskin® Metal Clad®	Air-Bloc LF®	Blueskin® Butyl Flash	Blueskin® TWF	Blueskin® SA	Blueskin® SA LT	Blueskin® Metal Clad®	Henry® 212 All Purpose Crystal Clear Sealant ³	Henry® 925 BES Sealant ³	Blueskin® Adhesive	Blueskin® LVC Adhesive	Aquatac™ Spray Prep Adhesive	Aquatac™ Primer
Vapor permeable	•		•		•				•								•	•	•	•
Vapor impermeable		•		•		•	•	•		•	•	•	•	•	•	•				
Permanent UV exposure <i>Under open joint cladding</i>	•							•						•						
Low application temperature <i>Lower than 40 °F (4 °C)</i>	•	•	•	•	• ¹				•	•	•			• ¹	•	•	•	•	•	•
Low VOC ²	•	•	•		n/a	n/a	n/a	n/a	•	n/a	n/a	n/a	n/a	n/a	•		•		•	•
Self-gasketing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
Mold resistant	•	•	•		n/a	n/a	n/a	n/a	•	n/a	n/a	n/a	n/a	n/a						
NFPA 285 compliance	§	•	§	•	•	•	•	§	n/a ⁴	n/a ⁴	n/a ⁴	n/a ⁴	n/a ⁴	n/a ⁴	n/a ⁴	n/a ⁴	n/a ⁴	n/a ⁴	n/a ⁴	n/a ⁴
Declare label	•	•	•		•	•	•	•			•	•	•							
ABAA evaluated	•	•	•			•														



§ Meets 2015 IBC 1403.5 exception #2 1. Primer required 2. VOC regulations do not apply to articles such as sheet applied membranes and flashings. VOCs are only measured in certain liquid products. 3. Can only be used with Blueskin VP160
 4. Flashing of fenestration products and weather resistive barrier flashing and accessories at other locations shall not be considered part of the weather resistive barrier for NFPA 285 compliance in accordance with the International Building Code.
 5. Passes AAMA 714-19. Can also be used as a liquid flashing when Air-Bloc All Weather STPE is the primary air barrier membrane. See Installation Manual and Technical Data Sheet for application details.

Air permeance and durability:
 Low air permeance per ASTM E2178 and ASTM E2357. Meet CAN/ULC S741 and S742 air permeance and long-term durability standards.

Self-gasketing:
 Meet ASTM D1970 and AAMA 711 for sealing around fasteners, eliminating water penetration even after the exterior facade is installed.

Wall assembly fire test:
 One of the industry's broadest lines of commercial air barriers that pass as part of various wall assemblies per NFPA 285. Air-Bloc All Weather STPE and Air-Bloc 17MR meet 2015 IBC 1403.5 exception #2.

Sustainable and environmental design benefits:
 Contribute to sustainable design, energy efficiency and LEED credits, by utilizing durable, low-VOC air barriers. Health Product Declarations and Red List status information are available for transparency.

Consult updated Technical Data Sheet for most recent information

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