



AIR BARRIER SYSTEMS

Your complete solution for regulating thermal transfer and air & moisture infiltration in today's masonry construction.

 **BLOK-LOK**
A HOHMANN & BARNARD COMPANY

Today's masonry building codes require integrated air barrier systems that **GO BEYOND THE "WALL WRAP"**

to effectively eliminate air & moisture infiltration, and maintain a comfortable environment for inhabitants. This means all components in the cavity; from the veneer anchors to the flashing and detailing accessories; must be designed with air barrier integrity in mind.

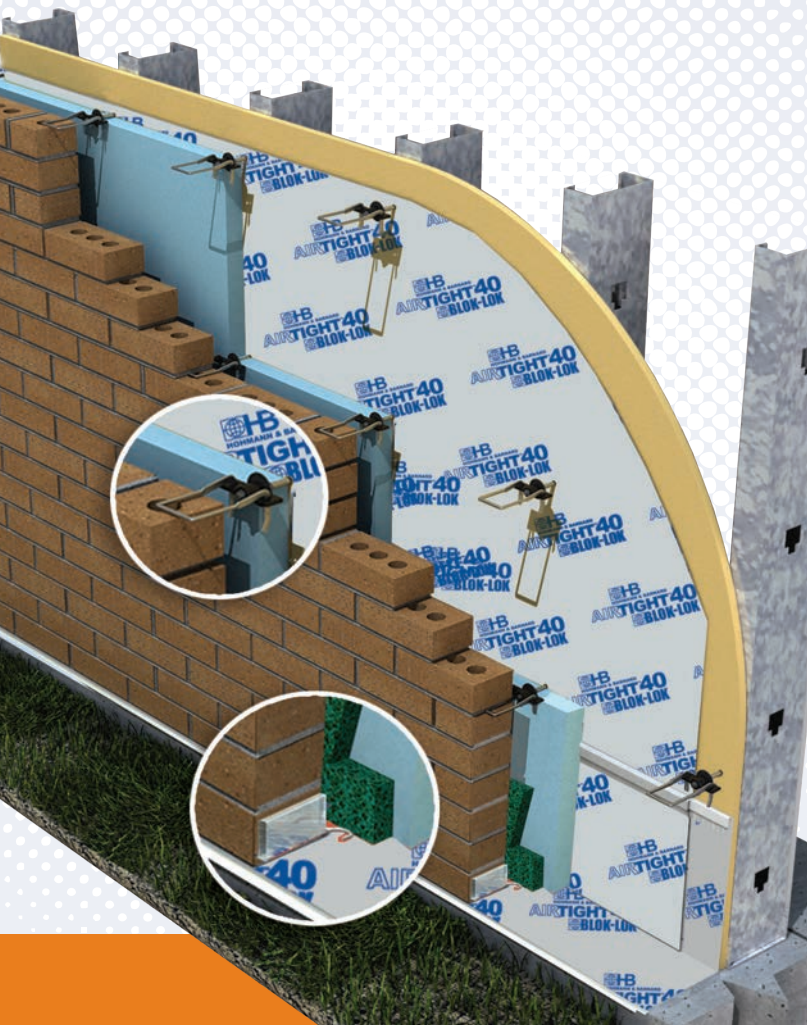
BLOK-LOK has developed an integrated masonry system including air barriers, flashing, and a self-sealing thermal veneer anchor. A complete wall solution that meets and exceeds code; as well as the expectations of owners, architects, & contractors!



AIR-TIGHT™ 40
Asphalt Based Air & Vapor Barrier

This self-adhering air and vapor barrier is a 40mil membrane composed of a polymer modified asphalt bonded to a high density, cross laminated, polyethylene film. Joined together, these materials provide a strong, flexible air and moisture barrier with excellent adhesion to concrete, masonry, gypsum, and wood.

AIR-TIGHT™ 40 can also be used for flashing. When applied to vertical and horizontal surfaces using proper detailing methods, this product will guide moisture out of the wall helping to maintain integrity of the barrier system.



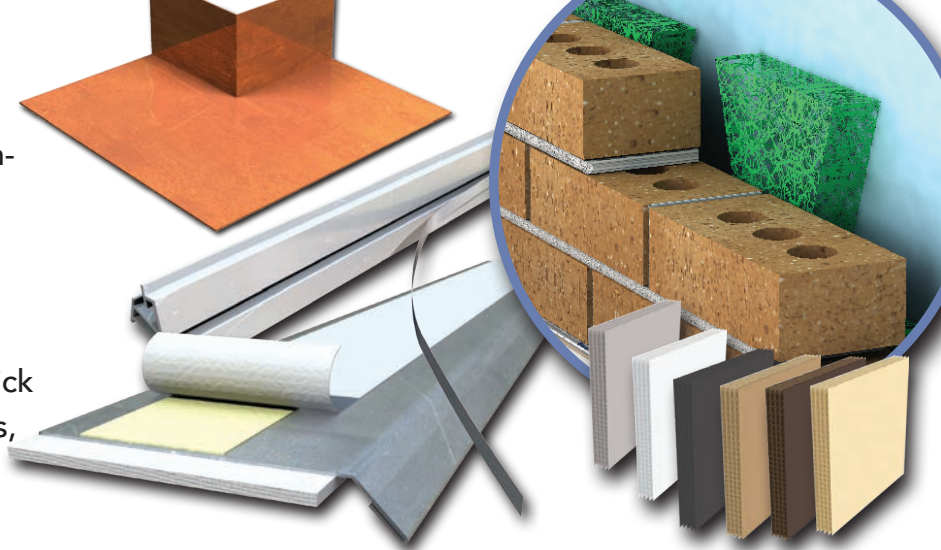
Physical Property	Typical Value	Test Method
Colour	White	-
Thickness	1.0mm (40 mils)	-
Application Temperature, Min	-7°C (+20°F)	-
Service Temperature	-40°C to +70°C (-40°F - +150°F)	-
Air Leakage	0.0002 L/s.m.2 @ 75 PA	ASTM E2178
Assembly Air Leakage	0.0045 L/s.m.2 @ 75 PA	ASTM E2357
Low Temperature Flexibility @ -30°C (-22°F)	Pass	ASTM D1970
Elongation, Min	1223%	ASTM D412 Die C
Tensile Strength (film)	3190 psi	ASTM D882
Lap Peel Strength	14.0 lbf/in. (Pass)	ASTM D903
Peel Adhesion, CMU	62.9 psi (Pass)	ASTM D7234
Puncture Resistance	311 lbf	ASTM E154
Water Resistance	No Leaks (Pass)	AATCC 127, Option 2
Water Tightness	Pass	CAN/CGSB-37.58-M86
Water Vapor Permeance	0.6 ng/Pa.s.m ² (0.010 perms)	ASTM E96 Method A
Water Vapor Permeance	1.3 ng/Pa.s.m ² (0.023 perms)	ASTM E96 Method B

Detailing Products

Proper installation of the air barrier and flashing components is the key to a successful building envelope that will last for years to come. Flashings must be installed with drip edges, weep vents, and mortar collection in order to guide moisture out of the wall in a quick efficient manner. And sealing laps, transitions, and penetrations with mastic is critical to ensuring a continuous membrane.

HB Sealant - A multi-purpose, resilient joint sealant that combines economy and high performance.

It is ideal for a wide range of applications where joint movement requires compression and extension in excess of 25%.



Mortar-Trap - Suspends mortar droppings leaving a clear path for moisture to exit the wall.

Cell Vent - A unique honeycomb design prevents the ingress of debris and insects while allowing moisture out of the wall.

Drip Edge - Guides moisture away from the wall as it exits the cavity while providing a cleaner look than flashing alone.

See our full selection of detailing products on the web:

www.blok-lok.com

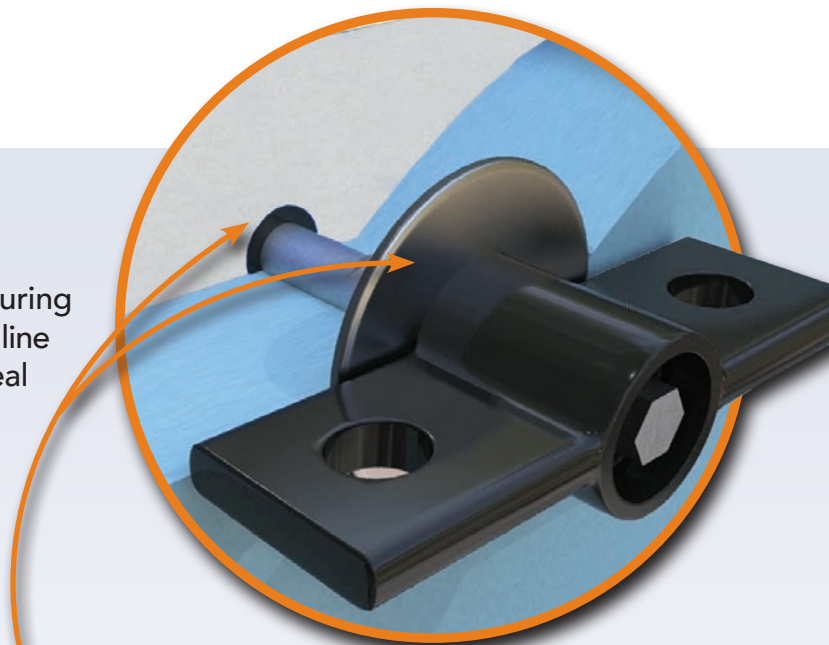
2-Seal™ Thermal Wing Nut

Dual-Diameter Veneer Anchor

The most critical part of any air barrier system is ensuring a continuous membrane that will not leak. The 2-Seal line of anchors are **the only anchors on the market** to seal BOTH the insulation *and* the air/vapor barrier.

FEATURES:

- A UL-94 fire-resistant coating creates a thermal break at the insulation.
- Stainless Steel barrel transfers one-seventh the thermal energy of standard zinc barrel anchors.
- Wing is reinforced by a steel core, maintaining integrity in a fire unlike all plastic wings **that can melt in extreme heat.**



- **The dual-diameter barrel features two EPDM washers, sealing penetrations in both the insulation and the air/vapor barrier!**

CALL 1-800-561-3026 FOR MORE INFORMATION!

ASPHALT-FREE

Air & Vapor Barrier Systems

Blok-Lok also offers a complete line of asphalt free, products from Hohmann & Barnard. This system offers several advantages over traditional asphalt-based products:

- Compatible with a wider range of modern flashing membranes that would deteriorate when used with asphalt-based systems.
- Many components are fluid-applied making them easier to use and fill voids as well as allowing for tighter job scheduling.
- Asphalt free products are more fire resistant and safer for the environment than asphalt-based systems.

ENVIRO-BARRIER™ - Cost effective, fluid-applied air barrier system that remains flexible over a wide temperature range and exceeds the highest industry standards. Vapor-permeable formula available.

X-Barrier™ - Asphalt-free, sheet-applied membrane for above grade assemblies that remains UV-resistant for 180 days.

Detailing Products - A wide range of liquid and sheet applied products are available including Spray-Tape™, Stretch-X-Seal™, HB Sealant, and Liquid-Flash™. Use to fill voids, seal transitions, and detail around windows, doors, and other penetrations.

NOTE: Blok-Lok *non-asphalt* products are not compatible with asphalt-based flashings, air barriers or detailing products. For more details, please call:

1-800-561-3026



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