



#1 CHOICE OF PROFESSIONALS®

Air-Bloc 06 WB

Elastomeric Asphalt Emulsion
Air & Vapor Barrier Membrane

Physical Properties

-Color	Black	-Water Vapor Permeance, at 42 mils dry film thickness (ASTM E96)	0.02 perms
-Solids by Volume	60%		
-Weight	8.4 lbs/gal.		
-Coverage	20 to 25 ft ² /gallon		
-Drying Time	24 hrs min. @ 50% RH & 68°F	-Air Permeability (ASTM E2178) (Applied at approx 20 ft ² /gallon to a CMU wall, tested at 70°F)	Meets Mass Commercial Energy Code (780 CMR, Ch.13)
-Service Temp	-40°F to 140°F		
-Application Temp	40°F Minimum		
-Flammability			<u>Air Leakage Rate (CFM/ft²)</u>
Wet	Non-Flammable	<u>Pressure (lbs/ft²)</u>	<0.001*
Dry	Burns	0.5	<0.001*
-Tensile Strength (ASTM D412)	50 psi (typical)	1.0	<0.001*
-Elongation (ASTM D412)	2000% (typical)	1.6	<0.001*
-Chemical Resistance	Resists salt and calcium chloride solutions, mild acids and alkalis.	2.1	<0.001*
	Non-resistant to oil, grease or solvents.	3.1	<0.001*
		6.3	*Beyond detectable limits of instrumentation
-Maximum V.O.C.	10 grams/liter		
-Water Resistance (ASTM D466)	No re-emulsification or loss of adhesion		

Description

Air-Bloc 06 WB is a one-component elastomeric asphalt emulsion liquid membrane designed to provide an effective monolithic air, vapor, and water barrier when applied to a wide variety of construction surfaces. Cures to provide a tough monolithic, rubber like membrane, which resists air leakage. Meets the air leakage requirements of the **Massachusetts Commercial Energy Code (780 CMR, Ch. 13) Energy Conservation Requirements for the Building Envelope.**

Features

- Single component - cold applied by trowel or spray.
- Water based, low odor, environmentally friendly
- Excellent adhesion to most construction surfaces such as exterior gypsum board, masonry, concrete, stone, wood, and metal.
- Seals around projections such as brick ties.
- Cures to a flexible and elastic film with crack bridging capabilities.

Uses

Used to provide an air, vapor and rain barrier on construction surfaces such as masonry, concrete or gypsum board.

Packaging

Air-Bloc 06 WB is packaged in 55-gallon drums and 5-gallon pails.

Limitations

Not designed to perform as a permanently exposed surface. Must be protected from damage during construction. Do not apply to wet surfaces.

REVISION: 07/21/06

Ambient Conditions

Air-Bloc 06 WB shall not be applied when ambient (air) and substrate temperatures are below 40°F. The product should not be applied if it is raining, or if the possibility of rain is likely within 48 hours. The product should not be applied if it is expected that the ambient temperature will fall below 32°F within 48 hours.

Surface Preparation

All surfaces must be clean, free of frost, grease, dirt, form release agents or other contaminants and must be reasonably smooth. Mortar joints on masonry substrates shall be struck flush. Form tie holes and voids in poured concrete shall be filled flush and smooth, and allowed to cure for a minimum for 24 hours. Surfaces may be slightly damp but not wet or saturated.

Sheathing Joints and Inside and Outside Corners: Joints between panels of exterior grade gypsum or plywood sheathing up to ¼" wide and shall be filled with a trowel application of **Air-Bloc 06 WB** and reinforced with a strip of 2" to 4" wide glass fiber tape such as **Henry 183** Yellow Glass Fabric prior to application of liquid membrane. Joints between panels of exterior grade gypsum or plywood sheathing wider than ¼", and all inside and outside corners, must be sealed with a strip of **Blueskin® SA** membrane adhered to the primed substrate extending a minimum of 3" on both sides of the joint. Joints wider than ¼" between panels of rigid insulation are not permitted.

Cracks: Cracks in masonry and concrete up to ¼" wide shall be filled with a trowel application of **Air-Bloc 06 WB**, reinforced with a strip of 2" to 4" wide glass fiber tape such as **Henry 183** Yellow Glass Fabric and allowed to cure overnight prior to application of the liquid membrane to the surface. Alternatively, the cracks may be sealed with a strip of **Blueskin® SA** membrane applied to the substrate. Cracks wider than ¼" must be sealed with **Blueskin® SA** membrane adhered to the primed substrate and lapped a minimum of 3" on both sides of the crack.

Joints Between Dissimilar Materials: Transition joints between dissimilar materials at beams, columns, window and door frames etc. should be sealed with strips of **Blueskin® SA** membrane lapped a minimum of 3" onto both substrates. Mechanical attachment should be made to all window and door frames, or a properly designed sealant joint should be provided.

Application

Air-Bloc 06 WB may be applied by trowel, however application by spray is the preferred method. The material should be applied at a rate of 20 to 25 ft²/gallon. An application rate of 20 ft²/gallon will provide a wet film thickness of approximately 80 mils (47 mils dry) depending on texture and porosity of surface. **Air-Bloc 06 WB** can be applied in a single coat. If applying in a single coat, ensure that weather permits full and complete drying prior to any rain event. The preferred method of application is to mark areas off and ensure that the appropriate volume has been sprayed over this area. During spraying, the material should be applied in horizontal strokes ensuring even application of the product, and then applied in vertical strokes, again ensuring even application.

Product should be carried approximately 1" onto **Blueskin® SA** transition membranes. On CMU walls, provide temporary cap flashing at top of wall during construction to prevent rain or other source of water from entering the CMU block. Product is not designed to withstand negative side hydrostatic conditions.

Curing and Protection - Allow membrane to dry thoroughly and protect from rain until fully cured. Drying can take 24 to 48 hours at 68 deg. F and 50% RH. Drying time will take longer in lower temperatures or in damp, high humidity conditions. Cured membrane is not designed to be permanently exposed to UV. Cover as soon as reasonably possible to protect membrane and prevent damage caused by other trades. Contact Henry Company if exposure periods of more than 6 weeks are expected.

Clean Up

Spray equipment can be flushed out with water. Use mineral spirits to remove dried films.

Caution

DO NOT TAKE INTERNALLY! Use protective measures to avoid contact with eyes and skin. If swallowed, CALL PHYSICIAN IMMEDIATELY! In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. GET MEDICAL ATTENTION! Do not heat container or store at temperatures greater than 120°F. Close container after each use. **KEEP OUT OF REACH OF CHILDREN.**

Limited Warranty

We, the manufacturer, warranty only that this product is free of defects, since many factors which affect the results obtained from this product - such as weather, workmanship, equipment utilized and prior condition of the substrate - are all beyond our control. We will replace at no charge any product proved to be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF WARRANTIES:** The Limited Warranty is IN LIEU OF any other warranties express or implied including but not limited to any implied warranty of MERCHANTABILITY or fitness for a particular purpose, and we, the manufacturer, shall have no further liability of any kind including liability for consequential or incidental damages resulting from any defects or any delays caused by replacement or otherwise.

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