



#1 CHOICE OF PROFESSIONALS®

# Air-Bloc 06 WB

**Elastomeric Asphalt Emulsion  
Air & Vapor Barrier Membrane**

## Physical Properties

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

## Description

**Air-Bloc 06 WB – Water Based** is a single-component, cold applied, rubberized asphalt emulsion designed for use as an air and vapor barrier on a wide variety of porous substrates including concrete, CMU, and gypsum sheathing, including Dens-Glass Gold®. It is ideally suited for use on substrates with numerous projections such as masonry brick ties. **Blueskin®SA** membrane is used in conjunction with **Air-Bloc 06 WB** to span the interface of dissimilar materials as a transition sheet. This product may also be used for waterproofing foundation walls and other structures. **Air-Bloc 06 WB** complies with an exceeds the requirements of CAN/CGSB 37.1M.

## Features

### Advantages:

- Meets Massachusetts Energy Code
- Seamless low modulus elastomeric membrane
- Retains flexibility over a wide temperature range
- Excellent adhesion to most construction surfaces such as concrete, CMU, gypsum sheathing, stone and wood
- Cold applied and requires no special equipment
- Contains no solvent and is environmentally friendly
- VOC compliant, non-flammable

## Uses

Designed for use above grade to provide an effective air, vapor and rain barrier on construction surfaces such as masonry, concrete or gypsum board. Below grade, this product can be used for waterproofing cast-in-place concrete and CMU foundation walls and footings.

## Air-Bloc 06 WB - Elastomeric Asphalt Emulsion Air & Vapor Barrier Membrane

### Packaging

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

### Limitations

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

### Ambient Conditions

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**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

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All surfaces must be clean, free of grease, dirt, 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 of 24 hours. Surfaces may be slightly damp but not wet or saturated.

Joints between panels of exterior grade gypsum, plywood and rigid insulation up to ¼" wide shall be filled with a trowel application of **Air-Bloc 06 WB** and reinforced with a strip of 2" wide glass fiber tape such as **Henry #183 Yellow Glass Fabric** prior to a full application of **Air-Bloc 06 WB**.

Joints between panels of exterior grade gypsum or plywood wider than ¼" should be sealed with **Blueskin®SA** membrane adhered to the substrate. Joints wider than ¼" between panels of rigid insulation are not permitted.

Cracks in masonry and concrete up to ¼" wide shall be filled with a trowel application of **Air-Bloc 06 WB**, and allowed to cure overnight prior to application of **Air-Bloc 06 WB** to the surface, or alternatively, the cracks may be sealed with a strip of **Blueskin® SA** membrane applied to the substrate. Cracks wider than ¼" should be sealed with **Blueskin® SA** membrane adhered to the substrate lapped a minimum of 3" on both sides of the crack.

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" on both substrates. Mechanical attachment should be made to all window and door frames, or a properly designed sealant joint should be provided.

### Application

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For detailed application, refer to Guide Specification.

**Air-Bloc 06 WB** is applied by brush or spray. Do not apply when air temperature is below 40°F, or if there is a threat of rain or temperature below 40°F within 48 hours or a chance of freezing within 48 hours. All surface voids, holes and cracks must be completely coated to attain the dampproofing or waterproofing qualities. Dries to touch in approximately 4 hours (@ 50% R.H., 70°F), sets in approximately 24 hours. Drying will be slower, 2 to 7 days, in cool damp weather. Allow to dry between coats. On below-grade foundations, let cure at least 48 hours, with good air circulation, before exposure to water or backfilling. Protect surface with appropriate barrier board prior to backfilling.

### Coverage

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**Vertical Surfaces:** Apply at a rate of 25 square feet per gallon for a wet film thickness of 64 mils (dry film thickness 45 mils) for concrete, plywood, OSB, gypsum sheathing, and Dens-Glass Gold®. Apply at rate of 20 square feet per gallon for wet film thickness of 80 mils (dry film thickness of 56 mils) on CMU or other very porous masonry surfaces.

## Air-Bloc 06 WB - Elastomeric Asphalt Emulsion Air & Vapor Barrier Membrane

### Precautions

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Not designed to perform as a permanently exposed surface. Must be protected from damage during construction. Do not apply to wet surfaces – damp is acceptable. All asphalt emulsions contain a certain amount of asphalt particles requiring that the contractor establish a suitable screening technique for spray applications.

When transporting this product, be sure the pail is secured and the lid is tight. Do not allow pail to tumble as this may loosen the lid and allow leakage to occur.

### Clean Up

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

### Caution

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**WARNING! DO NOT TAKE INTERNALLY!** Close container after each use. 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! In case of accidental injection by power spray equipment, GET MEDICAL ATTENTION IMMEDIATELY. Dispose of container and unused contents in accordance with Local, State and Federal regulations.

**KEEP OUT OF REACH OF CHILDREN**

**KEEP FROM FREEZING**

**FOR EXTERIOR USE ONLY**

**Warning:** This product contains detectable amounts of chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm.

**Employers** should obtain a copy of the **Material Safety Data Sheet (MSDS)** from your supplier or directly from Henry at the toll free number or website below.

### Limited Warranty

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We, the manufacturer, warrant 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 AND LIMITATION OF LIABILITY:** THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FOR A PARTICULAR PURPOSE. MANUFACTURER SHALL HAVE NO LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM ANY DEFECTS OR ANY DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.

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