

Air-Bloc 06

Elastomeric Air & Vapor Barrier Membrane

Physical Properties

-Color	Black	-Water Vapor	@ 90 mils wet film thickness
-Solids by Weight	62%	Permeance	0.02 perms
-Weight	7.5 lbs/gal.	(ASTM E96)	(1.2 ng/Pa.m ² .s)
-Coverage	18 ft²/gallon	-Àir Permeability	,
-Drying Time	@ 50% R.H. 68°F	(Applied at 18 ft ² /gallon to a	
Tough Dry	4 Hours	concrete block wall, tested at	
Firm Dry	48 Hours	70°F)	
-Service Temp	-40°F to 140°F	Pressure (lbs/ft ²)	Air Leakage Rate (CFM/ft ²)
-Application Temp	-10°F Minimum	0.5	0.000023
-Tensile Strength	70 psi (typical)	1.0	0.000030
(ASTM D412)	480 kPa	1.6	0.000035
-Elongation (ASTM D412)	1200% (typical)	2.1	0.000040
-Recovery	75% (typical)	3.1	0.000047
(CAN/CGSB 37.58 M86)		6.3	0.000062
-Extensibility After Heat Aging	No cracking or tearing		
(ASTM C836-76)		-Resistance to Gust Wind	Resists a suction pressure of
-Chemical Resistance	Resists salt solutions, mild	Load	62.8 lbs/ft ² maintained for 5
	acids and alkalis.		seconds with no increase in
	Non-resistant to oil, grease or		air leakage rate when tested
	solvents.		at 1.6 lbs/ft ² .
-Maximum V.O.C.	370 grams/liter	-Resistance to Sustained	Resists a suction pressure
-Watertightness	Pass	Wind Load	of 20.9 lbs/ft ² maintained for
(CAN/CGSB-37.58-M86)			1 hour with no increase in
			air leakage rate when tested
			at 1.6 lbs/ft ² .

Description

Air-Bloc 06 is a one component elastomeric bitumen, liquid membrane designed to provide an air barrier when applied to construction surfaces. Cures to provide a tough monolithic, rubber like membrane, which resists air leakage.

Features

- -Cold applied by trowel or spray.
- -Excellent adhesion to most construction surfaces such as masonry, concrete, stone, wood, gypsum board 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 and gypsum sheathing.

Packaging

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

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Limitations

Not designed to perform as a permanently exposed surface. **Air-Bloc 06** can be left exposed for up to 6 weeks, however, good construction practice calls for application of insulation as soon as possible after the membrane has cured to protect the membrane from damage by other trades.

Avoid use in area where solvent vapors may taint food or other susceptible products. Solvents in product attack polystyrene insulation. The membrane should be allowed to cure for a minimum of 96 hours before polystyrene insulation is placed in direct contact.

Surface Preparation

All surfaces must be sound, dry, clean and free of oil, grease, dirt, excess mortar or other contaminants. New concrete should be cured for a minimum of 14 days before **Air-Bloc 06** is applied. Concrete surfaces should be free of large voids and spalled areas.

Joint & Crack Treatment

Joints between panels of exterior grade gypsum, plywood and rigid insulation up to $\frac{1}{4}$ " (wide shall be filled with a trowel application of **Air-Bloc 06** and reinforced with a strip of 2" wide glass fiber tape prior to application of liquid membrane. Joints between panels of exterior grade gypsum or plywood wider than $\frac{1}{4}$ " should be sealed with **Blueskin**® membrane adhered to the substrate.

Cracks in masonry and concrete up to ½" wide shall be filled with a trowel application of **Air-Bloc 06** and allowed to cure overnight prior to application of the liquid membrane to the surface, or alternatively, the cracks may be sealed with a strip of **Blueskin**® membrane applied to the substrate. Cracks wider than 6 mm should be sealed with **Blueskin**® membrane adhered to the substrate lapped a minimum of 3" on both sides of the crack.

Surfaces should be tied in with beams, columns, window and doorframes, etc.; using strips of **Blueskin**® lapped a minimum of 3" on both substrates. Mechanical attachment should be made to all window and doorframes, or a properly designed sealant joint provided.

Application of Membrane

Refer to **Air-Bloc 06** Guide Specification for detailed application information. Material should be conditioned at room temperature for ease of application. **Air-Bloc 06** does not require a primer. **Air-Bloc 06** should be applied by trowel or spray at a minimum wet thickness of 1/8". Care should be exercised to ensure full contact of the coating around protrusions such as brick ties at the point of contact with the wall.

Application of Insulation to Membrane

Insulation Adhesive: Air-Bloc 21 should be applied to the insulation boards in a serpentine pattern to restrict movement of air behind the insulation. Alternatively, apply full coat notched trowel application of **Air-Bloc 21** to the back of the board. Press insulation firmly in place.

Clean Up

Use mineral spirits or citrus based cleaners.

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Caution

COMBUSTIBLE! Contains petroleum distillate. Keep away from heat and flame. Do not heat container or store at temperatures greater than 120°F. CLOSE AIR INTAKES until solvents dissipate. Contains volatile solvents that might contaminate potable water. Close container after each use.

DANGER! HARMFUL OR FATAL IF SWALLOWED! If swallowed, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY! Use protective measures to avoid contact with eyes and skin. In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. **GET MEDICAL ATTENTION! USE ONLY WITH ADEQUATE VENTILATION!** Avoid breathing of vapor. If you experience eye watering, headaches or dizziness, leave area or increase fresh air or wear respirator (NIOSH/MSHA TC 23C or equal). Repeated and prolonged occupational exposure to solvent vapor can result in permanent brain and nervous system damage, and may cause liver or kidney damage. **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.