

## ExoAir™ 120

### Fluid Applied Air & Vapor Barrier Membrane

#### Product Description

ExoAir 120 Fluid Applied Air and Vapor Membrane is a monolithic elastomeric membrane designed to seal exterior above-grade wall assemblies and prevent air infiltration/exfiltration, vapor transmission and water penetration. It is available in two grades: ExoAir 120 SP (spray grade) and ExoAir 120 R (roller grade).

#### Basic Uses

ExoAir 120 is typically applied to exterior sheathing panels, concrete block, poured concrete or wood substrates as an air and vapor barrier material. ExoAir 120 can be used with ExoAir 110/110LT Self-Adhered Air and Vapor Barrier to transition into window and door openings.

#### Features and Benefits

ExoAir 120 is a seamless, fully adhered air and vapor membrane that creates an air-tight membrane within the building envelope. The ability to either spray or roll apply the material affords the installer the flexibility needed to accommodate the specific needs of a project. Spray application provides significant reductions in labor time required when compared to a typical self-adhered membrane.

Primerless adhesion to damp or dry substrates speeds application and allows installation to begin sooner after the concrete has poured or after wet weather.

ExoAir 120 can be co-sprayed to speed the curing process to allow for fast track construction or when weather threatens washout. Co-spraying involves spraying ExoAir 120 and a quick-cure solution simultaneously. The ExoAir 120 and co-spray solution combine and react instantly, resulting in a fully cured membrane within minutes.

#### Color

Black

#### Packaging

ExoAir 120 R: 5 Gallon (19 L) Pails  
ExoAir 120 SP: 55 Gallon (208 L) Drums

#### Applicable Standards

ExoAir 120 meets the most rigorous industry standards for air barriers:

- ASTM E-2178-01 Standard Test Method for Air Permeance of Building Materials
- Massachusetts State Building Code 780 CMR 13 Energy Conservation Requirements for Building Envelope

#### Installation

Refer to ExoAir 120 Application Instructions for specific application details. ExoAir 120 may be roller or spray applied. The techniques involved may require modification to adjust to jobsite conditions. Consult your Tremco Representative for specific design requirements.

The use of ProGlaze ETA (Engineered Transition Assembly) is highly recommended to provide a proven, long-lasting tie-in between the window and air barrier system that is far superior to the standard caulk method. For more information, contact your Tremco Representative.

Reference details are available online at [www.tremcosealants.com](http://www.tremcosealants.com).

#### Availability

ExoAir 120 is immediately available from your local Tremco Sales Representative or Distributor. For Distributor locations, visit [www.tremcosealants.com](http://www.tremcosealants.com).

#### Limitations

- Do not apply to contaminated surfaces.
- Not to be used as a permanently exposed surface. Contact your local Tremco Sales Representative for project specific requirements.
- When applying to surfaces below 40°F (4.4°C), please consult your local Tremco Sales Representative or Tremco Technical Service.
- Keep product from freezing prior to being applied to the substrate. It is best to store ExoAir 120 off the floor at an ambient temperature above 50°F (10°C). Opened drums or pails should be tightly resealed before storage.

#### Warranty

Tremco warrants its ExoAir products to be free of defects in materials, but makes no warranty as to appearance or color. There are numerous circumstances that can affect the results obtained from using ExoAir products, including, but not limited to, project design, installation of products, workmanship of various trades, substrate condition and other on-site conditions. Because these conditions are beyond our control, Tremco cannot guarantee that irritants such as mold will be prevented or eliminated, and Tremco makes no other warranties, expressed or implied, including the implied warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco's ExoAir products. If any ExoAir product is proven to be defective, Tremco's sole obligation shall be, at its option, to replace or refund the quantity of the defective Tremco product. Tremco shall not be liable for any consequential or incidental loss or damage.

## TYPICAL PHYSICAL PROPERTIES

Property	Description	
Type	Polymer-modified emulsion	
Color	Black	
Solids	62%	
Density	8.1 lbs/gal	
Application	Airless spray/Roller	
Cure Time	16-24 hours (at 75°F (23°C) at 50% relative humidity)	
Thickness	Minimum 60 mils (wet)	
Property	Test Method	Typical Values
Air Permeance	ASTM E2178-01 CCMC 07273	.00120 L/s/m <sup>2</sup> (3.9 x 10 <sup>-6</sup> ft <sup>3</sup> /s/ft <sup>2</sup> )
Elongation	ASTM D412 Die C	1500%
Water Vapor Permeance	ASTM E96	0.08
Maximum V.O.C.	----	65 grams/liter
Low-temp flex	ASTM C836	Pass
Adhesion-in Peel (non-immersion)	ASTM C836	6.5 pli, cohesive failure



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