



TECHNICAL DATA SHEET

AIR SMART®

Air Barrier System

Manufacturer

Masonry Foams and Coatings

P.O. Box 10393
Knoxville, TN 37939

Product Description

AIR SMART® is a single component, fluid applied, elastomeric membrane to provide a vapor-permeable air barrier when applied to above grade wall assemblies. It cures to form a resilient, monolithic, fully adhered elastomeric membrane, which resists air leakage and water penetration.

- Remains flexible over a wide temperature range
- Meets and exceeds highest industry standards for air barrier performance
- Cost effective easy spray application
- Asphalt-free formulation
- Excellent adhesion to most construction materials such as exterior gypsum board, CMU, concrete, stone, wood and metal.
- Performance tested.

Product Data

• Color	Light blue
• Chemistry	Acrylic
• Permeance	11.5 perms
• UV Resistance	Up to 180 days
• Application Temp	40°F to 120°F
• Recycled content by wt.	25%
• Drying Time	4 - 6 hours – Tack Free 24 hours – Recoat

Preparation

All masonry surfaces to receive AIR SMART® shall be thoroughly dry, clean and free from loose materials, and reasonably smooth. Expansion and control joints and exterior sheathing joints must be detailed. *(Please refer to AIR SMART® installation instruction guide.)*

Application

AIR SMART® may be applied by brush or heavy-duty airless spray equipment in a single monolithic application without sags, runs or voids. AIR SMART® must transition onto detail membranes to create a seamless air-tight plane. Regularly monitor wet mil thickness during application to assure adequate coverage. Coverage rate should be 40 square feet per gallon to achieve a 40 mil wet film thickness. *(Please refer to installation instruction guide and recommended details.)*

Inspection

All areas that receive AIR SMART® should be regularly inspected for uniformity of application and checked periodically using a wet film mil thickness gauge.

Limitations

AIR SMART should not be used in areas where it will be permanently exposed to sunlight, weather or traffic. Maximum exposure time should be 60 days. AIR SMART® may not be applied to damp surfaces and concrete surfaces should be cured a minimum of 3 days prior to installation. Upon initial tack cure, light rain showers will not affect the membrane.

Packaging

AIR SMART® comes in 5-gallon pails and 55-gallon drums.

Storage & Handling

AIR SMART® should be stored under cover in original sealed containers above 40°F and below 100°F. ALWAYS keep AIR SMART® from freezing. The shelf life for unopened containers is 6 months.

Cleanup

Wet uncured material may be removed with soapy water. For dry fully cured primer, a citrus-based cleaner may be used.



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Warranty

Contact the manufacturer for complete information on product warranty conditions, duration and remedies. Masonry Foams and Coatings makes no warranties, either expressed or implied, of correctness and fitness for use for any particular purpose. The recipient agrees that any use of product information and electronic files is at their own risk. In no event shall Masonry Foams and Coatings be liable for direct, indirect or consequential damages as a result of the recipient use or reuse of product information or electronic files. Masonry Foams and Coatings shall be held harmless against all damages, liabilities or costs, including reasonable attorney fees and defense costs, arising out of or resulting from use of product information or electronic files.



MASONRY
FOAMS & COATINGS

Masonry Foams and Coatings
A Division of cfiFOAM, Inc.
P.O. Box 10393 / Knoxville, TN 37939
800-656-FOAM (3626)
FAX: 865-588-6607
www.masonryfoamsandcoatings.com