



PROPERTIES

COLOR:

White

APPLICATION CONSISTENCY:

Brush or Spray

AVERAGE WEIGHT/U.S. GALLON (ASTM D 1475):

11.1 lbs. (1.33 kg/l)

AVERAGE NON-VOLATILE (ASTM D 2697):

51% by volume (62% by weight)

COVERAGE (FSTM 72):

(Subject to the nature of material being coated). Wet coverages shown below are for smooth non-porous surfaces. Porous or rough surfaces will require higher gallonage to attain required dry thickness.
Dry Thickness: 0.032 in. to 0.049 in. (0.8 mm to 1.2 mm)
Equivalent Wet Coverage: 0.062 to 0.096 in. (1.6 to 2.4 mm) 4-6 gallons/100 square feet (1.6 to 2.4 l/m²)

DRYING TIME 73°F (23°C) 50% RH (ASTM D 1640):

Set to Touch: 2 hours
Dry Through: 24 hours

SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature at coated surface)
Minus 20°F to 180°F (-29°C to 82°C)

WET FLAMMABILITY (ASTM D 3278):

No flash to boiling, 205°F (96°C)

WATER VAPOR PERMEANCE (ASTM F 1249):

3.0 perms (2.0 metric perms) at 32 mils dry (0.8 mm).
Tested at 100°F (38°C) and 90% RH.

SURFACE BURNING CHARACTERISTICS (ASTM E 84):

Flame Spread: 10
Smoke Developed: 5

Tested at coverage rate of 25 sq. ft./gal. (4 gal./100 sq. ft., 1.6 l/m²). Applied to 1/4 inch (6.4 mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

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FOSTER AQUA-FAS® MASTIC

FOSTER AQUA-FAS MASTIC is an economical waterbased vinyl-acrylic weather barrier coating used for a wide variety of applications over many thermal insulations including polystyrene. It will seal out dirt and water and provide protection for the insulation.

AQUA-FAS MASTIC has excellent brush and spray properties, is non-flammable when wet and has a mild odor during application.

AQUA-FAS MASTIC forms a white, fire-resistive dry film that is flexible and provides a smooth, attractive, decorative finish. It is suitable for both indoor and outdoor applications, is U.V. resistant, and has excellent adhesion to most foil facings.

AQUA-FAS MASTIC contains no asbestos, lead, mercury, or mercury compounds.

AQUA-FAS MASTIC meets requirements for LEED IEQ 4.2 Low-Emitting Materials, Paints and Coatings. VOC: 39 g/l, less water and exempt solvents.

AQUA-FAS MASTIC meets NFPA 90A and 90B 25/50 requirements.

LIMITATIONS

Store between 40°F (4°C) and 100°F (38°C). Protect from freezing until dry.

To resist rain washoff, allow at least 24 hours drying time above 60°F (15.6°C), with a relative humidity of 50%. Higher humidity and/or lower temperatures may retard drying.

Always test foil and paper facings for acceptable adhesion before using.

Outdoor horizontal surfaces must always drain completely. A pitch of at least 1/2" per foot (4 cm/m) is required.

Not recommended for use over asphalt mastics, coatings or other asphaltic surfaces.

Always select AQUA-FAS Mastic in the white color for use over Polystyrene on outdoor installations.

APPLICATION GUIDE FOR AQUA-FAS® MASTIC 46-00

MATERIAL PREPARATION

DO NOT THIN. AQUA-FAS Mastic will appear to be thick, but this is a “false” consistency, which “breaks down” readily on application. Stirring is not necessary. Apply only to clean, dry, oil-free surfaces. Keep container closed when not in use.

MAST-A-FAB REINFORCEMENT

Apply a tack coat of AQUA-FAS Mastic at a thickness of 1/32 in. (0.8 mm). This is equivalent to 2 gal./100 sq. ft. (0.8 l/m²).

Embed Foster MAST-A-FAB white membrane into wet tack coat. Smooth membrane to avoid wrinkles and overlap all seams at least 2 in. (51 mm). Apply a finish coat of AQUA-FAS Mastic at a minimum thickness of 1/16 in. (1.6 mm). This is equivalent to 4 gal./100 sq. ft. (1.6 l/m²). This finish coat shall be applied no later than 1/2 hour after the tack coat and shall completely cover the membrane.

This application shall provide a minimum dry film thickness of 49 mils (1.2 mm).

For best results, prime hygroscopic alkaline cements with Foster 40-22 Masonry Sealer and Primer or Foster 40-26 Waterbased Primer. Both the cement and the primer must be completely dry before the AQUA-FAS Mastic is applied.

UNREINFORCED

AQUA-FAS Mastic may be brush or spray applied to the exposed edges of fibrous insulation, paper and foil faced insulation, and to other surfaces where a white decorative surface is desired.

BRUSH

Use a good brush (suitable for waterbased paints), making strokes as long as possible over the surface. Apply with full brush and spread out evenly. Do not overwork. Multiple coats may be needed to achieve the minimum dry film thickness.

SPRAY

AQUA-FAS Mastic may be airless spray applied. For spray equipment information, please consult Airless Spray Recommendations or contact your spray equipment supplier. Average viscosity range: 60,000 - 90,000 cps. Corrosion resistant pumps and fittings are suggested.

CLEAN-UP

Use fresh water to clean brushes and equipment before product dries. Dry product may be removed with hot soapy water or strong solvents such as chlorinated solvent (non-flammable) or xylol (flammable).

DATA REPORTED FROM ASTM E-84 FIRE TEST (TUNNEL TEST)

COATING, GENERAL PURPOSE	R-3593
H.B. Fuller Company	
	Surface Burning Characteristics
	Applied to 1/4 in. (6.4 mm) Inorganic
	Reinforced Cement Board
Surface	
Flame Spread	10
Smoke Developed	5
Number of Coats	1
Rate Per Coat (sq. ft. per gal.)	25



CUSTOMER SERVICE: 800-231-9541

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ADEQUATE TESTS: The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product meets all of your requirements. The warranted shelf life of our products is six months from date of shipment to the original purchaser.

**For professional use only. Keep out of reach of children.
Consult Material Safety Data Sheet and container label for further information.**