

PROPERTIES

TROWEL/GLOVE	COLOR	BRUSH/SPRAY
36-10	White	46-10
36-25	Light Aluminum Gray	46-25
Other Colors Available on Special Order		

AVERAGE WEIGHT/U.S. GALLON (ASTM D 1475):
11.2 pounds (1.34 Kg/l)

AVERAGE NON-VOLATILE (ASTM D 2697):
56% by volume (66% by weight)

COVERAGE RANGE (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:
0.054 inch (1.4 mm)

EQUIVALENT WET COVERAGE: 0.096 inch (2.4 mm)
6 gallon/100 square feet (2.4 l/m²)

DRYING TIME (ASTM D 1640):
Set to Touch: 2 hours
Dry Through: 16 hours

SERVICE TEMPERATURE LIMITS (FSTM 70):
(Temperature at coated surface). Minus 20°F to 180°F (-29°C to 82°C).

WATER VAPOR PERMEANCE (ASTM F 1249):
1.8 perms (1.2 metric perms) at 1/16 inch (1.6 mm) dry film thickness; decreasing on aging to 1.0 perm (0.7 metric perm).

WET FLAMMABILITY (ASTM D 3278):
No flash to boiling, 205°F (96°C).

SURFACE BURNING CHARACTERISTICS (ASTM E 84):
Flame Spread: 5
Smoke Developed: 0
Tested at coverage rate of 16.7 sq. ft. per gal. (6 gal./100 sq. ft., 2.4 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.

FREEZE-THAW STABILITY (FSTM 51):
Passes three cycles.

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FOSTER WEATHERITE™ MASTIC



FOSTER WEATHERITE MASTIC is a water-based weather barrier mastic used for a wide variety of applications over most thermal insulations including polystyrene.

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

WEATHERITE MASTIC forms a tough, fire-resistive dry film that is extremely flexible and provides a smooth, attractive finish being suitable for both indoor and outdoor applications. It has excellent adhesion to most foil facings. It can be used on residential low velocity air ducts as a closure joint sealant.

WEATHERITE MASTIC complies with current requirements regarding use in meat and poultry processing areas under federal inspection. Letter of certification is available upon request.

WEATHERITE MASTIC is produced under the classification and follow-up service of Underwriter's Laboratories, Inc. and meets NFPA 90A and 90B 25/50 requirements.

WEATHERITE MASTIC meets requirements for LEED IEQ 4.2 Low-Emitting Materials, Paints and Coatings. VOC (36-10): 33 g/l, less water and exempt solvents. VOC (46-10): 31 g/l, less water and exempt solvents.

WEATHERITE MASTIC contains no asbestos, lead, mercury, or mercury compounds.

LIMITATIONS

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

To resist rain washoff, allow at least 12-15 hours drying time above 40°F (4°C), with a relative humidity of 50%. Higher humidity 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.

Always select WEATHERITE Mastic in the white color for use over Polystyrene on outdoor installations.

APPLICATION GUIDE FOR FOSTER WEATHERITE™ MASTIC 36-10/46-10

MATERIAL PREPARATION

Do not thin. WEATHERITE 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.

APPLICATION—HEAVY DUTY, hot and dual temperature surfaces

(Follow flashing recommendations when installed outdoors.)

MAST-A-FAB® REINFORCEMENT Apply a tack coat of Foster WEATHERITE Mastic at a thickness of 1/32 inch (0.8 mm). This is equivalent to 2 gallons per 100 square feet (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 inches (51 mm). Apply a finish coat of WEATHERITE Mastic at a minimum thickness of 1/16 inch (1.6 mm). This is equivalent to 4 gallons per 100 square feet (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 54 mils (1.4 mm).

HEAVY DUTY APPLICATIONS - UP TO 50% GREATER TENSILE STRENGTH

Apply as above, substituting Chil-Glass #5 as the reinforcing membrane. Note that the membrane weave pattern will show through dried mastic.

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 WEATHERITE Mastic is applied.

TROWEL

Use clean steel trowel. Apply each coat in full thickness before initial set. Avoid excessive troweling.

BRUSH


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

SPRAY

Foster WEATHERITE Mastic (46-10 Series) 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 -80,000 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).

	GENERAL PURPOSE COATING	
	SURFACE BURNING CHARACTERISTICS	
Applied to ¼" Inorganic Reinforced Cement Board		
Flame Spread:		5
Smoke Developed:		0
Rate per Coat (Sq.ft/gallon):		17
Number of Coats		1
Flash point of liquid coating (closed cup): no flash to boiling		
282U		



CUSTOMER SERVICE: 800-231-9541

IMPORTANT: Specialty Construction Brands, Inc. warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. WE MAKE NO OTHER WARRANTIES AND EXPRESSLY DISCLAIM ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a product fails to meet this limited warranty, purchaser's sole and exclusive remedy is replacement of the product or, at our option, refund of the purchase price. OUR ACCEPTANCE OF ANY ORDERS FOR THE PRODUCT IS EXPRESSLY CONDITIONAL UPON PURCHASER'S ASSENT TO THE TERMS ON THE APPLICABLE INVOICE.

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.