



WEATHERITE™ Mastic 46-50

Product Data Sheet

PROPERTIES

COLOR:

46-50 – Bright White

46-51 – Light Gray

Other colors available on special order.

APPLICATION CONSISTENCY:

Trowel, glove, brush or airless spray

AVERAGE WEIGHT / U.S. GALLON (ASTM D1475):

11.3 lbs. (1.35 kg/l)

AVERAGE NON-VOLATILE (ASTM D2369):

52% by volume (64% by weight)

COVERAGE:

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.

4 – 6 gal./100 sq. ft. (1.6 to 2.4 l/m²) 0.062 in. – 0.096 in. wet thickness (1.6 to 2.4 mm)

0.038 in. – 0.058 in. dry thickness (1.0 mm to 1.5 mm)

SERVICE TEMPERATURE LIMITS:

Temperature at coated surface.

-20°F to 180°F (-29°C to 82°C)

DRYING TIME 73°F (23°C) 50% RH:

Set to Touch: 2 hours

Dry Through: 24 hours

WATER VAPOR PERMEANCE (TYPICAL AVERAGE):

ASTM E96, Procedure B: >1 perm at 1/16 inch (1.6 mm) dry film thickness

WET FLAMMABILITY:

No flash to boiling, 205°F (96°C)

SURFACE BURNING CHARACTERISTICS (ASTM E84):

Flame Spread: 10

Smoke Developed: 40

Tested at coverage rate of 16.7 sq. ft./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.

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FOSTER® WEATHERITE™ MASTIC



FOSTER® WEATHERITE™ MASTIC is a fibrated, water-based breather mastic. It features a bright white color and extremely smooth, creamy, thixotropic consistency for fast, easy application.

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 on both indoor and outdoor applications. It has excellent adhesion to most foil facings. It may be used over a wide variety of thermal insulations including polystyrene and rigid polyurethane board stock insulations.

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 46-50 meets the requirements of:

- MAS Certified Green®
- California Dept. of Public Health Standard Method v1.2
- VOC Emissions and Content requirements to contribute to **LEED v4** EQ Credit: Low Emitting Materials – Paints and Coatings
- Collaborative for High Performance Schools EQ 7.1

VOC Content: 47 g/l, less water and exempt solvents.



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 24 hours drying time above 60°F (16°C) with a relative humidity of 50%. Higher humidity and/or lower temperatures will 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 inch per foot (4 cm/m) is required.

Always select WEATHERITE™ MASTIC in the white color for use over polystyrene on outdoor installations.

H. B. Fuller Construction Products Inc.

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APPLICATION GUIDE FOR FOSTER® WEATHERITE™ MASTIC 46-50

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 – HOT AND DUAL TEMPERATURE SURFACE

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 58 mils (1.5 mm).

HEAVY DUTY APPLICATIONS – UP TO 50% GREATER TENSILE STRENGTH

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

For best results, prime hygroscopic alkaline cements with Foster 32-22 Protektor® Sealant. Both the cement and the primer must be completely dry before the WEATHERITE™ Mastic is applied.

TROWEL

Use a 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 may be airless spray applied. For spray equipment information, please consult Airless Spray Recommendations or contact your spray equipment supplier. Average viscosity range: 100,000-130,000 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:		10
Smoke Developed:		40
Rate per Coat (Sq. ft./gal.):		16.7
Number of Coats:		1
Flash point of liquid coating (closed cup):	no flash to	boiling
282U		

CUSTOMER SERVICE: (833) 849-3700

IMPORTANT: H.B. Fuller Construction Products 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 twelve months from date of shipment to the original purchaser or as otherwise provided on the certificate of analysis.

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