



## PROPERTIES

TROWEL/GLOVE	COLOR	BRUSH/SPRAY
35-00	White	45-00

**AVERAGE WEIGHT/U.S. GALLON (ASTM D1475):**  
11.6 lbs. (1.39 kg/l)

**AVERAGE NON-VOLATILE (ASTM D2369):**  
63-65% by volume (73-75% by weight)

**COVERAGE RANGE:**  
Subject to the nature of material coated. Wet coverages shown below are for smooth non-porous surfaces. Porous or rough surfaces will require higher gallonage to attain required dry thickness.  
6 gal./100 sq. ft. (2.4 l/m<sup>2</sup>) 0.096 in. wet thickness (2.4 mm)  
0.062 in. dry thickness (1.6 mm)

**DRYING TIME:**  
Set to Touch: 3 hours  
Dry Through: 16 hours

**SERVICE TEMPERATURE LIMITS:**  
Temperature at coated surface.  
-20°F to 200°F (-29°C to 93°C)

**WATER VAPOR PERMEANCE (TYPICAL AVERAGE):**  
ASTM F1249: 3.0 perms (2.0 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:**  
No flash to boiling, 205°F (96° C)

**SURFACE BURNING CHARACTERISTICS (ASTM E84):**  
Flame Spread: 20  
Smoke Developed: 25-50  
Tested at coverage rate of 16.7 sq. ft. per gallon (6 gal./100 sq. ft., 2.4 l/m<sup>2</sup>).  
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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Visit us on the web at [fosterproducts.com](http://fosterproducts.com)

## FOSTER® SEALFAS G-P-M® MASTIC



**Foster® Sealfas G-P-M® Mastic** is a high solids, water-based, general purpose mastic having excellent trowel and spray properties. G-P-M® is used for the protection of thermal insulation and hard, dry cement coats, both indoors and outdoors.

**Sealfas G-P-M® Mastic** is fire-resistive and features ease of application, non-flammability, non-toxicity, mild odor, insulation compatibility, good package stability, plus excellent outdoor durability.

**Sealfas G-P-M® Mastic** meets NFPA 90A & 90B 25/50 requirements.

**Sealfas G-P-M® Mastic** is produced under the classification and follow-up service of Underwriter's Laboratories, Inc.

**Nuclear Grade Sealfas G-P-M® Mastic 35-00Q and 45-00Q** can be supplied to meet the stress corrosion and chemical analysis requirements of MIL-I-24244C or nuclear regulatory guide 1.36 on special order.

**Sealfas G-P-M® Mastic 35-00/45-00™** 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: <50 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 16 hours drying time above 40° F (4°C), with a relative humidity of 50%. Higher humidity at lower temperatures may retard drying.

Always test paper facings for acceptable adhesion before using. Select Foster® WEATHERITE™ Mastic 46-50/46-51 for use over foil facings if improved adhesion is necessary.

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

Always select Foster® Sealfas G-P-M® Mastic 35-00/45-00™ white for use over polystyrene insulation installed outdoors.

**H.B. Fuller Construction Products Inc.**

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# APPLICATION GUIDE FOR FOSTER® SEALFAS G-P-M® MASTIC 35-00/45-00™

## MATERIAL PREPARATION

DO NOT THIN. Foster® Sealfas G-P-M® 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 SERVICE

Follow flashing recommendations when installed outdoors.

For best results, prime hygroscopic alkaline cements with Foster® 32-22 Protektor® Sealant or Foster 81-42W LAGFAS® Adhesive/Coating diluted 50% with water to lock down dusty surfaces. Both the cement and the primer must be completely dry before the Foster® Sealfas G-P-M® Mastic is applied.

## MAST-A-FAB® REINFORCEMENT

Apply a tack coat of Foster® Sealfas G-P-M® Mastic at a thickness of 1/32 inch (0.8 mm). This is equivalent to 2 gal./100 sq. ft. (0.8 l/m<sup>2</sup>). Embed Foster® Mast-A-Fab® white membrane into wet tack coat. Smooth membrane to avoid wrinkles and overlap all seams at least 2 inches (5 cm). Apply a finish coat of Foster® Sealfas G-P-M® Mastic at a minimum thickness of 1/16 inch (1.6 mm). This is equivalent to 4 gal./100 sq. ft. (1.6 l/m<sup>2</sup>). 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 62 mils (1.6 mm).

## HEAVY DUTY APPLICATIONS – UP TO 50% GREATER TENSILE STRENGTH

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

## TROWEL

Use clean steel trowel. Apply in full thickness promptly. 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® Sealfas G-P-M® Mastic (45-00™ series) may be spray applied with heavy duty pneumatic airless equipment. For spray equipment information, please consult Airless Spray Recommendations or contact your spray equipment supplier. Average viscosity range: 60,000 – 100,000 cps. Corrosion resistant pumps and fittings are suggested.

## CLEAN UP

Use fresh water to clean equipment before product dries. Dry product may be removed with hot soapy water or 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:		20
Smoke Developed:		20-25
Rate per Coat (sq. ft./gal.):		16-17
Number of Coats:		1
Flash point of liquid coating (closed cup):		no flash
282U		

**CUSTOMER SERVICE: 800-832-9002**

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.**