



## PROPERTIES

**COLOR**

White

**APPLICATION CONSISTENCY**

Trowel/Glove/Brush

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

11.3 lbs. (1.35 kg/l)

**AVERAGE NON-VOLATILE (ASTM D2369):**

51% by volume (64% 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.

4 to 6 gal./100 sq. ft. (1.6 to 2.4 l/m<sup>2</sup>)

**DRYING TIME:**

Set to Touch: 2-4 hours

Dry Through: 24 -36 hours

**SERVICE TEMPERATURE LIMITS:**

Temperature at coated surface.

-40°F to 200°F (-40°C to 93°C)

**WATER VAPOR PERMEANCE (TYPICAL AVERAGE):**

>1.0 perms at 1/16 inch (1.6 mm) dry film thickness by ASTM E96, Procedure B

**WET FLAMMABILITY:**

No flash to boiling

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## FOSTER® SEALFAS G-P-M® MASTIC

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

It is for use over typical industrial and commercial insulations including faced and unfaced fiberglass, mineral wool, PIR, PUR, cellular glass, phenolic, polystyrene and calcium silicate. It bonds well to most foil laminates for excellent protection of hot and dual service\* insulation systems.

**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 35-00N** 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: 0 g/l, less water (ASTM D6886)

**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 and foil 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 recommended.

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

\* For dual or cold service applications ensure the insulation has an integrated vapor retarder installed under the mastic

# APPLICATION GUIDE FOR FOSTER® SEALFAS G-P-M® MASTIC 35-00N

## **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 30-36HF 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**

For interior surfaces 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 1/32 inch (0.8 mm). This finish coat shall be applied no later than 1/2 hour after the tack coat and shall completely cover the membrane.

For exterior surfaces increase the finish coat to 1/16" (2.4 l/m<sup>2</sup>) This is equivalent to 4 gal./100 sq. ft. (1.6 l/m<sup>2</sup>). This application shall provide a minimum dry film thickness of 50 mils (1.2 mm).

## **HEAVY DUTY APPLICATIONS –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.

## **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).

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

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