



35-00/01 Foster Sealfas G-P-M Mastic

Colour

35-00 - White
35-01 - Aluminium Grey

Application Consistency

Trowel or glove

Average Weight/U.S. gallon (FSTM 3)

11.2 lbs (1.42 kg/l)

Average Non-Volatile (FSTM 9A)

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 volume to attain required dry thickness.

Dry Thickness

0.062 inch (1.6 mm)

Equivalent Wet Coverage

0.096 inch (2.4 mm) 6 gal/100 sq. ft. (2.4 l/m²)

Drying Time (ASTM D 1640)

Set to Touch: 3 hours
Dry Through: 16 hours

Service Temperature Limits (FSTM70)

(Temperature at coated surface) Minus 20°F to 200°F (-29°C to 93°C)

Water Vapour Permeance (ASTM F 1249)

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 (ASTM D 3278)

No flash to boiling, 205°F (96°C)

Surface Burning Characteristics (ASTM E 84)

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/m²). Applied to ¼ 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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FSTM: Foster Standard Test Method

Foster Sealfas G-P-M Mastic is a high solids water base general purpose mastic having excellent trowel 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 odour, 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.

Sealfas G-P-M Mastics 35-00 conforms with current requirements regarding use in meat and poultry processing areas under federal inspection. Letter of certification is available upon request.

Nuclear Grade Sealfas GPM 35-00Q 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 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 wash-off, 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 WEATHERITE™ Mastics for use over foil facings.

Outdoor horizontal surfaces must always drain completely.

A pitch of at least ¼ inch per foot is recommended.

Always select 35-00 white for use over polystyrene insulation installed outdoors.



FOSTER SEALFAS G-P-M MASTIC 35-00/01

Material Preparation Do not thin. 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.)

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/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 (5 cm). Apply a finish coat of 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/m²). This finish coat shall be applied no later than ½ 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).

Hex Mesh Wire Reinforcement (8 gal./100 sq. Ft. (3.26 l/m²). Over the insulation (or dry primed cement), tightly stretch one inch hexagonal wire in place. Secure by wiring to anchors and tie edges together. Apply a first coat of Sealfas G-P-M Mastic by trowel at a minimum coverage of 4 gallons per 100 square feet (1.6 l/m²). Using a steel trowel, force the mastic through and around the mesh, striking it flush with the surface of the wires. After the first coat has taken an initial set, (no sooner than 4 hours and no later than 24 hours), apply a second coat of Sealfas G-P-M Mastic at the rate of 4 gal./100 sq. ft. (1.6 l/m²). This application shall provide a minimum dry film thickness of 83 mils (2.1 mm). (Because of surface irregularities, some thicker areas may result. To avoid possible cracking, do not exceed 100 mils (2.5 mm) dry film thickness.)

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).

Data Reproduced From Underwriters’ Laboratories, Inc. Building Materials Directory Coating, General Purpose H.B. Fuller Company

Surface Burning Characteristics (¼ inch (6.4 mm) Inorganic Surface Reinforced Cement Board)

| | | |
|---|-------|------|
| Flame Spread | 20 | |
| Smoke Developed | 25-50 | |
| No. of Coats 1 Rate Per Coat (sq. ft. per gal.) | | 16.7 |

For industrial use only.

This data sheet is based on specifications, data and test results available to us at the time of publication.

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* If not applicable, within 6 months from date of supply.