



## 36-10 Foster Weatherite Mastic

### Colour

White

### Application

Trowel

### 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 volume 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/m<sup>2</sup>)

### 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 Vapour 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/m<sup>2</sup>). 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.

### Freeze-thaw Stability (FSTM 51)

Passes three cycles.

**Foster Weatherite Mastic** is a water-based weather barrier mastic used for a wide variety of applications over most thermal insulations including polystyrene, polyurethane, PIR, mineral fibre and closed-cell elastomers.

**Weatherite Mastic** has excellent brush, trowel, and spray properties, is non-flammable when wet and has a mild odour 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 metals and foils. It can be used on residential low velocity air ducts as a closure joint sealant.

**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** 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.

To resist rain wash-off, 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 ½" per foot (4 cm/m) is required.

Always select Weatherite Mastic in the white colour for use over Polystyrene on outdoor installations.

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**FSTM:** Foster Standard Test Method



## FOSTER WEATHERITE MASTIC 36-10

**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/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 (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/m<sup>2</sup>). 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 54 mils (1.4 mm).

**Hex Mesh Wire Reinforcement** (10 gal./100 sq. ft., 4.1 l/m<sup>2</sup>). 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 WEATHERITE Mastic by trowel or spray at a minimum coverage of 5 gallons per 100 square feet (2.0 l/m<sup>2</sup>). 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 WEATHERITE Mastic at the rate of 5 gallons per 100 square feet (2.0 l/m<sup>2</sup>). This application shall provide a minimum dry film thickness of 89 mils (2.3 mm).

(Because of surface irregularities, some thicker areas may result. To avoid possible cracking, do not exceed 100 mils (2.5 mm) total dry film thickness).

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

**Clean-Up** Use fresh water to clean brushes and equipment before product dries. Dry product may be removed with hot soapy

**Data Reported from Underwriters’ Laboratories, Inc. Building Materials Directory**

### Coating, General Purpose H.B. Fuller Company

Surface	¼ inch (6.4 mm) Inorganic Reinforced Cement Board
Flame Spread	5
Smoke Developed	0
Number of Coats	1
Rate Per Coat (sq. ft. per gal.)	17

### For industrial use only.

This data sheet is based on specifications, data and test results available to us at the time of publication. In the course of time changes herein may (have) take(n) place. The above tests were carried out in accordance with the above mentioned internal test standards and are indicative. No guarantee as to completeness, accuracy or results is either expressed or implied. The suitability to an intended use is the responsibility of the user. As material-choice, method of application and site conditions are beyond our control, we accept no liability for direct or consequential damages; our only obligation being to resupply ex our stores any material that is proved to be defective within the published\* shelf life.

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