



## PROPERTIES

### COLOR:

60-90 White

60-91 Gray

Other colors available on special order.

### APPLICATION CONSISTENCY:

Trowel or glove

### AVERAGE WEIGHT / U.S. GALLON (ASTM D 1475):

10.0 to 10.4 lbs. (1.20 to 1.25 kg/l)

### AVERAGE NON-VOLATILE (ASTM D 1644):

42% by volume (60% by weight)

### COVERAGE RANGE (FSTM 72):

(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.

**Dry Thickness:** 0.034 inch (0.9 mm)

**Equivalent Wet Coverage:** 0.080 inch (2.0 mm)

5 gal./100 sq. ft. (2.0 l/m<sup>2</sup>)

### DRYING TIME (ASTM D 1640):

Set to Touch: 5 hours

Dry Through: 48 hours

### SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature at coated surface)

-50°F to 220°F (-46°C to 104°C)

### WATER VAPOR PERMEANCE:

ASTM E 96, Method E, 0.024 perms

(0.016 metric perms) at 51 mils dry (1.3mm)

ASTM F 1249, 0.03 perms (0.02 metric perms) at 30 mils dry (0.76mm). Tested at 100°F (38°C) and 90% RH.

### WET FLAMMABILITY (ASTM D 3278):

Flash point 110°F (43°C)

### SURFACE BURNING CHARACTERISTICS

#### (ASTM E 84):

Flame Spread: 10

Smoke Developed: 15

Tested at coverage rate of 25 sq. ft./gal. (0.61 m<sup>2</sup>/l).

Applied to 1/4 inch (6.4mm) 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 MONOLAR® MASTIC



**FOSTER MONOLAR Mastic** is a tough, flexible, and fire-resistant elastomeric finish for protection of outdoor thermal insulation. It contains DuPont Hypalon\* rubber. It is an excellent vapor barrier for low temperature insulation on tanks, pipework, ductwork, vessels, and fittings.

**MONOLAR Mastic** provides outstanding weather barrier protection, showing good color retention, excellent chemical resistance, and durability.

**MONOLAR Mastic** trowels easily and smoothly without drag or excessive stringing. It features higher than average volume solids, reducing the number of gallons that need to be applied.

**MONOLAR Mastic** is produced under the classification and follow-up service of Underwriter's Laboratories, Inc.

**MONOLAR Coating** meets NFPA 90A and 90B 25/50 requirements.

**MONOLAR Coating** contains no asbestos, lead, mercury, or mercury compounds.

### LIMITATIONS

Store and apply between 40°F (4°C) and 100°F (38°C).

For best results, select Elastolar 95-44 for insulation joint sealing under Monolar Mastic.

Always test plastic materials for compatibility when using a solvent base product.

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

Make certain this product is completely dry and the area free from solvent odor if food is involved.

Select Monolar Coating 60-95 (white) or 60-96 (gray) for airless spray or brush application.

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# APPLICATION GUIDE FOR FOSTER MONOLAR® MASTIC 60-90/60-91

## MATERIAL PREPARATION

Stir well. DO NOT THIN. Apply only to clean dry surfaces. Keep container closed when not in use to prevent solvent evaporation.

## APPLICATION

To prevent water vapor and moisture infiltration, proper and complete flashing is required. Follow flashing specifications.

## NORMAL SERVICE:

Apply a tack coat of MONOLAR Mastic at a thickness of 1/32 inch (0.8mm). 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 MONOLAR Mastic at a minimum thickness of 3/64 inch (1.2mm). This is equivalent to 3 gal./100 sq. ft. (1.2 l/m<sup>2</sup>). This finish coat shall be applied no later than 2 hours after the tack coat and shall completely cover membrane. This application shall provide a minimum dry film thickness of 33 mils (0.8mm).

## SEVERE AND CRYOGENIC SERVICE:

Increase the tack coat coverage to 3 gal./100 sq. ft. (1.2 l/m<sup>2</sup>) and the finish coat to 4 gal./100 sq. ft. (1.6 l/m<sup>2</sup>). (Allow the tack coat to set up before applying the finish coat on vertical surfaces.) This application shall provide a minimum dry film thickness of 46 mils (1.2mm).

## TROWEL:

Use clean tools. Work in long even strokes to ensure uniform thickness. Wet tool with detergent foam (not soap) occasionally to prevent a build up of dried mastic.

## RUBBER GLOVE:

Best appearance may be achieved by smoothing wet MONOLAR Mastic with detergent foam (not soap) on a clean glove or brush, being careful not to pick up any MONOLAR Mastic onto the glove or brush.

## CLEAN-UP

Use xylol (flammable) or chlorinated solvent (non-flammable) for cleaning equipment. (Dried MONOLAR Mastic is extremely difficult to remove.)

## DATA REPRODUCED FROM UNDERWRITERS' LABORATORIES, INC. BUILDING MATERIALS DIRECTORY

<b>COATING, GENERAL PURPOSE</b>	R3593
<b>H.B. Fuller Company</b>	
	Surface Burning Characteristics
	1/4 inch (6.4 mm) Inorganic
Surface	Reinforced Cement Board
Flame Spread	10
Smoke Developed	15
Number of Coats	1
Rate Per Coat (sq. ft. per gal.)	25



## CUSTOMER SERVICE—800-231-9541 OR 800-338-2975

IMPORTANT: Specialty Construction Brands, 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 six months from date of shipment to the original purchaser.

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