



## PROPERTIES

### COLOR:

60-38 White

60-39 Gray

Other colors available on special order

### APPLICATION CONSISTENCY:

Trowel or rubber glove

### AVERAGE Weight/U.S. gallon (ASTM D 1475):

8.8 to 9.3 lbs. (1.05 to 1.11 kg/l)

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

30% by volume, 43% 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:** 0.030 in. (0.8 mm)

**EQUIVALENT WET COVERAGE:** 0.096 in. (2.4 mm)

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

### DRYING TIME 73°F (23°C) 50% RH (ASTM D 1640):

Set to Touch: 3 hours

Dry Through: 48 hours

### SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature at coated surface)

Minus 40°F to 250°F (-40°C to 121°C)

### WATER VAPOR PERMEANCE:

ASTM E 96, Method A 0.025 perms

(0.016 metric perms) at 30 mils dry (0.76 mm)

ASTM E 398, 0.08 perms (0.05 metric perms) at 30 mils dry (0.76 mm).

ASTM E 96, Procedure E 0.011 perms

(0.007 metric perms) at 50 mils dry (1.27 mm)

### WET FLAMMABILITY (ASTM D 3278):

Flash point 110°F (43°C)

### SURFACE BURNING CHARACTERISTICS

#### (ASTM E 84):

Flame spread: 20

Smoke Developed: 10-40

Tested at coverage rate of 25 sq. ft./gal. (.61 m<sup>2</sup>/l).

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.

## FOSTER® MONOLAR® II MASTIC



**FOSTER MONOLAR II Mastic** based on chlorosulfonated polyethylene rubber (formerly known as Hypalon®\*) is a tough, flexible, fire-resistive elastomeric finish for protection of thermal insulation. It is also used as a vapor barrier finish for fittings. It is excellent for outdoor use where good color retention, chemical resistance, and durability are required.

**MONOLAR II Mastic** provides outstanding weather barrier and vapor barrier protection for most board stock thermal insulations except polystyrene. It normally bonds well to aluminum foil facings, but a test application is recommended to confirm adhesion.

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

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

**MONOLAR II Mastic** 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 or Flextra 95-50 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 inch per foot (4 cm/m) is required.

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

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

*Visit us on the web at [www.fosterproducts.com](http://www.fosterproducts.com)*

\* Chlorosulfonated polyethylene rubber is also known as Hypalon, a trademark of Dupont Performance Elastomers, and is no longer produced by Dupont.

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

# APPLICATION GUIDE FOR FOSTER® MONOLAR® II MASTIC 60-38/60-39

## 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

**NORMAL SERVICE** - Apply a tack coat of MONOLAR II 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® or Chil-Glas® #10 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 II 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 2 hours after the tack coat and shall completely cover membrane.

This application shall provide a minimum dry film thickness of 30 mils (0.7 mm).

**SEVERE AND CRYOGENIC SERVICE** - After the first two coats have dried, apply an additional coat of MONOLAR II Mastic at a thickness of 3/64 inch (1.2 mm). This is equivalent to 3 gal./100 sq. ft. (1.2 l/m<sup>2</sup>). This additional application shall provide a minimum dry film thickness of 44 mils (1.1 mm).

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

## TROWEL


Use clean tools. Work in long even strokes to insure 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 II Mastic with detergent foam (not soap) on clean glove or brush, being careful not to pick up any MONOLAR II Mastic onto the glove or brush.

## CLEAN UP

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

	GENERAL PURPOSE COATING	
	SURFACE BURNING CHARACTERISTICS	
Applied to ¼" Inorganic Reinforced Cement Board		
Flame Spread:		20
Smoke Developed:		10-40
Rate per Coat (Sq.ft./gallon):		25
Number of Coats		1
Flash point of liquid coating (closed cup):		101° F
		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 six months from date of shipment to the original purchaser.

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