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):
10.4 to 10.8 lbs. (1.25 to 1.30 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/m2)

DRYING TIME (ASTM D 1640):
Set to Touch: 5 hours
Dry Through: 48 hours

SERVICE TEMPERATURE LIMITS (FSTM 70):
(Temperature at coated surface)
-50ºF to 220ºF (-46ºC to 104ºC)

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 100ºF (38ºC) and 90% RH.

WET FLAMMABILITY (ASTM D 3278):
Flash point 110ºF (43ºC)

SURFACE BURNING CHARACTERISTICS (ASTM E 84):
Flame Spread: 10
Smoke Developed: 15
Tested at coverage rate of 25 sq. ft./gal. (0.61 m2/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.

Visit us on the web at www.fosterproducts.com

FOSTER® MONOLAR® MASTIC

FOSTER MONOLAR Mastic is a tough, flexible, and fire-resistive elastomeric finish for protection of outdoor thermal insulation. It contains chlorosulfonated polyethylene rubber (formerly known as Hypalon®*). 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 40ºF (4ºC) and 100ºF (38ºC).

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.

* 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.

1105 South Frontenac Street   ●   Aurora, IL 60504   ●   800-832-9002   ●   fax 800-952-2368

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/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 MONOLAR Mastic at a minimum thickness of 3/64 inch (1.2mm). This is equivalent to 3 gal./100 sq. ft. (1.2 l/m2). 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/m2) and the finish coat to 4 gal./100 sq. ft. (1.6 l/m2). (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).
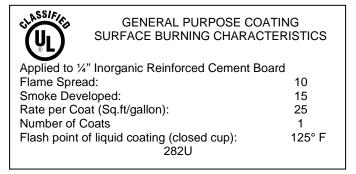
TROWEL:

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.)

CLASSIFIED UL®	GENERAL PURPOSE COATING SURFACE BURNING CHARACTERISTICS	
Applied to ¼" Inorganic Reinforced Cement Board		
Flame Spread:		10
Smoke Developed:		15
Rate per Coat (Sq.ft/gallon):		25
Number of Coats		1
Flash point of liquid coating (closed cup):		125° F
282U		

CUSTOMER SERVICE—800-832-9002

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