

PROPERTIES

COLOUR:
60-38 White
60-39 Grey

APPLICATION CONSISTENCY:
Trowel or rubber glove

SPECIFIC GRAVITY:
1.05 to 1.11kg/l

AVERAGE SOLIDS:
43% 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 usage rates to attain required dry thickness.

To obtain dry thickness of 0.8mm, apply at 2.4l/m² with 2.4mm wet film thickness.

DRYING TIME 23°C / 50% RH:
Set to Touch: 3 hours
Dry Through: 48 hours

SERVICE TEMPERATURE LIMITS:
-40°C to 121°C

WATER VAPOR PERMEANCE:
ASTM E 96, Method A: 0.016 metric perms at 0.76mm dry film thickness (0.025 perms at 30 mils)
ASTM E 398: 0.05 metric perms at 0.76mm dry film thickness (0.08 perms at 30 mils)
ASTM E 96, Procedure E: 0.007 metric perms at 1.27mm dry film thickness (0.011 perms at 50 mils)

WET FLAMMABILITY:
Flash point 43°C

SURFACE BURNING CHARACTERISTICS (ASTM E 84):

Flame spread: 20
Smoke Developed: 10-40
Tested at coverage rate of 1.6l/m².
Applied to 6.4mm 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 DuPont Hypalon* is a tough, flexible, fire-resistive elastomeric finish for protection of thermal insulation. It is also used as a vapour 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 vapour barrier protection for most board stock thermal insulations except polystyrene. It normally bonds well to aluminium 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 US NFPA 90A and 90B 25/50 requirements.

MONOLAR II Mastic contains no asbestos, lead, mercury, or mercury compounds.

LIMITATIONS

Store and apply between 4°C and 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 4cm/m is required.

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

Select Monolar II Coating 60-56 (white) or 60-59 (gray) for airless spray or brush application.

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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 0.8mm. This is equivalent to 0.8l/m².

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 5cm. Apply a finish coat of MONOLAR II Mastic at a minimum thickness of 1.6mm. This is equivalent to 1.6l/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 0.7mm.

SEVERE AND CRYOGENIC SERVICE - After the first two coats have dried, apply an additional coat of MONOLAR II Mastic at a thickness of 1.2mm. This is equivalent to 1.2l/m². This additional application shall provide a minimum dry film thickness of 1.1mm.

To prevent water vapour 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).

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

COATING, GENERAL PURPOSE	R3593
H.B. Fuller Company	
	Surface Burning Characteristics
	6.4mm Inorganic
Surface	Reinforced Cement Board
Flame Spread	20
Smoke Developed	10-40
Number of Coats	1
Rate Per Coat (l/m ²)	1.6



CUSTOMER SERVICE — 1800 423 855

IMPORTANT: H.B. Fuller Australia Pty Ltd 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.