

PROPERTIES**COLOUR:**

Black

APPLICATION CONSISTENCY:

Trowel

SPECIFIC GRAVITY:

1.0 kg/l

AVERAGE SOLIDS:

52% by weight

COVERAGE RANGE:

(Subject to type of surface being coated.) Wet coverages shown below are for smooth non-porous surfaces. Porous or rough surfaces may require higher application rates to attain required dry thickness.

Dry Thickness: 2.8 - 3.1mm

Equivalent Wet Coverage:

6.4mm at 6.5 l/m²**DRYING TIME:**

Touch: 8 hours at 23°C

Through: 24 hours at 23°C

WATER VAPOR PERMEANCE (ASTM F 1249):

0.7 metric perm at 3.2mm dry film thickness

(1.0 perm at 1/8 in.)

SERVICE TEMPERATURE LIMITS:

-29°C to 93°C

WET FLAMMABILITY:

Greater than 93°C

™ Trademark of Specialty Construction Brands, Inc.

Visit us on the Foster US website atwww.fosterproducts.com**FOSTER H.I. MASTIC®**

FOSTER H.I. MASTIC is a highly durable, protective weather coat for use over thermal insulation installed outdoors where an economical breathing mastic is required.

FOSTER H.I. MASTIC is an asphalt emulsion. It will not shrink or crack (particularly at the critical right angle bends) during curing. It has exceptional weathering stability and develops with its final set a firm, durable surface with good resistance to acids, alkalis, abrasion, and other abuses typical of outdoor industrial conditions. It has no heat flow, remaining hard and stable under all normal operating temperatures.

FOSTER H.I. MASTIC contains no asbestos, lead, mercury, or mercury compounds.

LIMITATIONS

Store and apply between 4°C and 38°C. Protect from freezing until dry.

As with all asphalt emulsion products, application over insulations or cements containing soluble salts may show efflorescence or white scale deposits on the surface if water is present in the insulation. Efflorescence may be removed by normal rainfall or washing after mastic is dry but may recur if water continues to be present in the insulation.

To resist rain washoff, allow at least 24-48 hours drying time above 16°C, with a relative humidity of 50%. Higher humidity or lower temperatures may retard drying.

H.I. Mastics may dry and weather to a dark grey color.

Outdoor horizontal surfaces must always drain completely. A pitch of at least 4cm/m is required.

Not recommended for indoor use.

Always test foil and paper facings for acceptable adhesion before using.

APPLICATION GUIDE FOR FOSTER H.I. MASTIC® 90-07

MATERIAL PREPARATION

DO NOT THIN. Stir well, but do not use sticks or boards which would splinter or otherwise contaminate the product. Apply only to clean, dry, oil free surfaces. Keep container closed when not in use. Cement coats must be dry.

This product can not be successfully applied by brush or spray.

APPLICATION - OUTDOOR AND HEAVY DUTY SERVICE (To prevent water infiltration, properly flash all penetrations.)

(Prime dusty insulation or porous cements with an asphalt primer.)

MAST-A-FAB® REINFORCEMENT

1. Apply tack coat of H.I. Mastic at 3.3 l/m² by trowel.
2. Embed MAST-A-FAB white membrane into the wet tack coat. Smooth membrane to avoid wrinkles and overlap all seams at least 50mm. Apply finish coat of H.I. Mastic at 3.3l/m². The second coat shall be applied immediately following the initial set of the first coat while it is still damp.
3. This application shall provide a minimum dry film thickness of 3.2mm.

HEAVY DUTY APPLICATIONS - UP TO 50% GREATER TENSILE STRENGTH

Apply as above, substituting Chil-Glass #5 as the reinforcing membrane. Note that the membrane weave pattern will show through the dried mastic.

TROWEL

Apply evenly with a minimum of overworking of material. May be applied with a rubber glove on small radius pipes and vessels.

CLEAN UP

Clean equipment with clean fresh water before mastic dries, followed by mineral spirits (flammable) or chlorinated solvent (non-flammable). Use mineral spirits or chlorinated solvent after mastic dries.



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.