



C.I. Mastic®
60-25/60-26
Product Data Sheet

PROPERTIES

COLOR:
Black

APPLICATION CONSISTENCY:
60-25: Trowel
60-26: Heavy duty airless spray

AVERAGE WEIGHT / U.S. GALLON (ASTM D1475):
9.4 to 10.0 lbs. (1.13 to 1.20 kg/l)

AVERAGE NON-VOLATILE (ASTM D2369):
66% by volume (76% by weight)

COVERAGE RANGE:
Subject to the type of surface being coated. Wet coverages shown below are for smooth, non-porous surfaces. Porous or rough surfaces will require higher gallonage to attain required dry thickness.

12 gallons per 100 sq. ft. minimum (4.9 l/m²) 0.192 in. wet film thickness (4.9 mm).

DRYING TIME 73°F (23°C) 50% RH:
Set to Touch: 1/2 to 6 Hours
Through: 7 Days

WATER VAPOR PERMEANCE (TYPICAL AVERAGE):
ASTM E96, PROCEDURE A: < 0.015 perms (0.01 metric perms) at 1/8" (3.2 mm) dry film thickness.

ASTM F1249: 0.02 perms (0.01 metric perms) at 1/8" (3.2 mm) dry film thickness.

C.I. MASTIC® meets the permeance requirements of ASTM C755-19 for below ambient vapor retarder coatings.

SERVICE TEMPERATURE LIMITS:
Temperature at coated surface.
-40°F to 180°F (-40°C to 82°C)

WET FLAMMABILITY:
Flash Point: 104°F (40°C)

SURFACE FLAME SPREAD (ASTM E162):
Flame Spread: 145
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® C.I. MASTIC®

FOSTER® C.I. MASTIC® is a tough, durable, high solids, vapor retarder, asphalt cutback mastic. Because of its low vapor permeance, it is an ideal surface coating for low temperature insulation on outdoor applications.

C.I. MASTIC® may be used on heated lines, vessels and equipment in intermittent or dual temperature service to prevent the entrance of water vapor into the insulation during off periods or on cold cycles.

C.I. MASTIC® may be used as a solvent-based adhesive for asphaltic felt vapor retarder jackets on pipe and duct insulation.

C.I. MASTIC® meets the requirements for water proofing mastics in the TRI-SERVICE SPECIFICATION for UNDERGROUND HEAT DISTRIBUTION CONDUIT SYSTEMS.

LIMITATIONS

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

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

C.I. MASTIC® may weather to a dark gray color.

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

Always test plastic materials for compatibility when using a solvent-based product. Do not use on polystyrene foam.

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APPLICATION GUIDE FOR FOSTER® C.I. MASTIC® 60-25/60-26

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. Foster® 60-25 & 60-26 cannot be successfully applied by brush. Foster® 60-25 cannot be applied by spray.

APPLICATION

Prime dusty insulation or porous cements with 60-25 or 60-26 cut 50/50 with mineral spirits. Proper and complete flashing is required. Follow flashing specifications. If a decorative coating is to be used over the C.I. MASTIC®, allow a minimum of 30 days drying time before application.

OUTDOOR AND HEAVY DUTY SERVICE

Apply a tack coat of Foster® C.I. MASTIC® at a thickness of 1/16 inch (1.6 mm). This is equivalent to 4 gallons per 100 square feet (1.61 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 C.I. MASTIC® at a minimum thickness of 1/8 inch (3.2 mm). This is equivalent to 8 gallons per 100 square feet (3.3 l/m²). This finish coat shall be applied no later than 1 hour after the tack coat and shall completely cover the membrane. This application shall provide a minimum dry film thickness of 123 mils (3.1 mm).

HEAVY DUTY APPLICATIONS – UP TO 50% GREATER TENSILE STRENGTH

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

TROWEL

Use clean tools and equipment. Work in long, even strokes to ensure uniform thickness. Wet tools in mineral spirits (flammable) occasionally to prevent build-up of dried mastic.

SPRAY

C.I. MASTIC® 60-26 may be airless spray applied using heavy duty pneumatic pumps. Store 60-26 in a heated area. The material temperature should be at least 70°F (21°C) before spraying. For spray equipment information, please consult Airless Spray Recommendations or contact your spray equipment supplier. Average viscosity range: 100,000 – 150,000 cps.

CLEAN UP

Clean tools and equipment with mineral spirits (flammable) or chlorinated solvent (non-flammable).

INSPECTION

Where available, it is suggested to use a National Insulation Association (NIA) certified (or other similarly certified) mechanical insulation inspector throughout the project to inspect and verify the materials and total insulation system have been installed correctly in accordance with the specifications.

CUSTOMER SERVICE: (800) 832-9002

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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 twelve months from date of shipment to the original purchaser or as otherwise provided on the certificate of analysis.

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