



60-25/26 Foster C.I. Mastic

Colour

Black

Application Consistency

60-25 – Trowel

60-26 – Airless Spray

Average Weight/ U.S. Gallon (ASTM D 1475)

9.4 to 10.0 pounds (1.13 to 1.20 kg/litre)

Average Non-Volatile (ASTM D 1644)

69% by volume (79% by weight)

Coverage (FSTM 72)

(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 volume to attain required dry thickness.
12 gallons per 100 sq. ft. minimum (4.9 l/m²). 192 in. wet film thickness (4.9 mm).

Drying Time 73°F (23°C) 50% RH (ASTM D 1640)

Set to Touch: ½ to 6 hours

Dry Through: 7 days

Water Vapour Permeance (ASTM E96)

Procedure A: Less than .015 perms) at 1/8" (3.2 mm) dry film thickness.

ASTM F 1249

0.02 perms at 1/8 in. (3.2 mm) dry film thickness (0.01 metric perms at 3.2 mm).

Service Temperature Limits (FSTM 70)

(Temperature at coated surface) Minus 40°F to 180°F (-40°C to 82°C)

Wet Flammability (ASTM D 93)

Flash point 104°F (40°C)

Surface Flame Spread (ASTM E 162)

Flame Spread: 145

Applied to ¼ 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 is a tough, durable and high solids vapour barrier asphalt cutback mastic. Because of its low vapour permeance, it is an ideal surface coating for low temp 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 off periods or on cold cycles.

C.I. Mastic is an effective protective coating for most me surfaces. Priming is not always necessary but adequate surface preparation is always desirable to obtain optimum results. A coat of an industrial oxide-chromate primer will prevent spread of rust from points of physical damage.

C.I. Mastic may be used as a solvent based adhesive for asphaltic vapour barrier 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.

C.I. Mastic 60-25 and 60-26 meet the requirements of Military Specification MIL-C-82052.

C.I. Mastic contains no asbestos, lead, mercury or mercury compounds.

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. Mastics may weather to a dark grey colour.

Outdoor horizontal surfaces must always drain completely. A pitch of at least ¼" per foot (2 cm/m) is required.

Always test plastic materials for compatibility when using a solvent base product.

Do not use on polystyrene foam.

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FSTM: Foster Standard Test Method



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.

Application-Outdoor and Heavy Duty Service

(Prime dusty insulation or porous cements with Foster product 51-06.)

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 (1.6 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 131 mils (3.3 mm).

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.

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. For spray equipment information, please consult 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).

For industrial use only.

This data sheet is based on specifications, data and test results available to us at the time of publication.

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* If not applicable, within 6 months from date of supply.