



PROPERTIES

COLOR:

Black

APPLICATION CONSISTENCY:

65-05 Trowel

AVERAGE WEIGHT / U.S. GALLON (ASTM D1475):

9.6 lbs. (1.15 kg/l)

AVERAGE NON-VOLATILE (ASTM D 2369):

69% by volume (79% by weight)

COVERAGE RANGE (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 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 (ASTM D 1640):

Set to Touch: 6 hours

Dry Through: 6 days

SERVICE TEMPERATURE LIMITS (FSTM 165):

(Temperature at coated surface)

Minus 40°F to 200°F (-40°C to 93°C)

WATER VAPOR PERMEANCE:

(ASTM F 1249) 0.03 perms at 1/8 in. dry film thickness (0.02 metric perms at 3.2 mm)

(ASTM E 96) Procedure A:

0.017 perms (0.011 metric perms)

at 115 mils (2.9 mm) dry film thickness

WET FLAMMABILITY (ASTM D 3278):

Flash point 104°F (40°C)

SURFACE BURNING CHARACTERISTICS

(ASTM E 84):

Flame Spread: 35

Tested at coverage rate of 9.2 sq. ft. per gal. (.23 m²/l)

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.

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FOSTER FIRE RESISTIVE C.I. MASTIC™

FOSTER FIRE RESISTIVE C.I. Mastic is a tough, durable, high solids vapor barrier and weather-coating for the protection of thermal insulation in outdoor service. Its excellent weather and fire resistance makes it suitable for use in place of conventional asphalt cutback mastic. It is an ideal surface coating for low temperature insulating applications where the insulation used is not affected by mild solvents.

FIRE RESISTIVE C.I. Mastic may also 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. It is outdoor rated and U.V. resistant.

FIRE RESISTIVE C.I. Mastic is produced under the classification and follow-up service of Underwriter's Laboratories, Inc.

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

LIMITATIONS

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

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

FIRE RESISTIVE C.I. Mastics may weather to a dark gray color.

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

APPLICATION GUIDE FOR FOSTER FIRE RESISTIVE C.I. MASTIC 65-05

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 65-05 cannot be successfully applied by brush or spray.

APPLICATION: OUTDOOR AND HEAVY DUTY SERVICE:

(Prime dusty insulation or porous cements with 65-05 cut 50/50 with mineral spirits.)

Apply a tack coat of Foster FIRE RESISTIVE 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 FIRE RESISTIVE 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 membrane. This application shall provide a minimum dry film thickness of 131 mils (3.3 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.

Proper and complete flashing is required. Follow Foster's flashing specifications.

If a decorative coating is to be used over the FIRE RESISTIVE 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 insure uniform thickness. Wet tools in mineral spirits (flammable) occasionally to prevent build-up of dried mastic.

CLEAN-UP

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

CUSTOMER SERVICE—800-832-9002

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Consult Material Safety Data Sheet and container label for further information.**