



PROPERTIES

COLOR: White

APPLICATION CONSISTENCY:
Airless Spray or Brush

AVERAGE WEIGHT/U.S. GALLON (ASTM D 1475):
11.4 lbs. (1.37 kg/liter)

AVERAGE NON-VOLATILE (ASTM D 1644):
63% by weight; 49% by volume

SERVICE TEMPERATURE LIMITS (FSTM 70):
(Temperature at coated surface of encapsulated ACM)
0°F (-18°C) to 170°F (77°C)

AVERAGE COVERAGE RANGE (FSTM 71):
Subject to the nature of the material being coated.

Wet coverages shown are for smooth non-porous surfaces. Porous or rough textured insulation will require higher gallonage to obtain required dry thickness.

Dry Thickness: 0.025 inch (0.64 mm)
Equivalent Wet Coverage: 0.05 inch (1.3 mm); 3.1 gal/100 sq. ft. (1.3 l/m²)

ODOR: Mild when wet; none when dry

SAFETY:
Wet flammability (ASTM D3278)
No flash to boiling, 205°F (96°C)

Surface Flame Spread (dry) (ASTM E84):
Flame Spread: 10
Smoke Developed: 5
Applied to 1/4 inch (6.4mm) inorganic reinforced cement board at a coverage rate of 3 gallons/100 sq. ft. (1.22 l/m²).

Surface Flame Spread (ASTM E162)
21 on 1 inch (25.4mm) sprayed mineral wool insulation.

The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

Meets NFPA 90A and 90B requirements and the building interior occupancy requirements of most building codes used in the U.S.A.

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FOSTER® BRIDGING ENCAPSULANT



FOSTER Bridging Encapsulant is a pigmented single component, water based elastomeric product for use over interior fibrous and cementitious types of asbestos containing materials (ACM). It is easily spray-applied and after curing forms a tough, durable, elastomeric film over the ACM, effectively retarding the fallout of friable asbestos fibers.

Bridging Encapsulant can be applied to previously painted surfaces. It can also be used over the hard, non-absorptive types of asbestos insulation that will not "accept" a penetrating-type encapsulant.

Bridging Encapsulant can be used with glass cloth as a lagging adhesive and coating to encapsulate asbestos containing pipe covering and boiler lagging insulation.

Bridging Encapsulant has been extensively tested by Battelle Columbus Laboratories and is on the list of products deemed acceptable by the U.S. Environmental Protection Agency.

Bridging Encapsulant contains no asbestos, lead, mercury, or mercury compounds.

LIMITATIONS

Keep from freezing.
Do not store below 40°F (4°C) or above 100°F (38°C). Do not apply to surfaces below 40°F (4°C) or to surfaces operating at, or intended to operate at or in excess of 250°F (121°C).

Not suggested for use on floors.

FOR INTERIOR USE ONLY. DO NOT DILUTE.

ENCAPSULANT MATERIALS CLASSIFIED BY UNDERWRITERS LABORATORIES, INC. AS TO FIRE RESISTANCE FOR APPLICATION TO CLASSIFIED SPRAYED FIBER AND/OR CEMENTITIOUS MIXTURES. ABILITY OF THIS MATERIAL TO ACT AS A SEALANT HAS NOT BEEN INVESTIGATED. SEE UL FIRE RESISTANCE DIRECTORY.

+ These products have been tested for the U.S. EPA and found to satisfactorily seal asbestos insulation under restricted conditions. This does not constitute an endorsement or recommendation by EPA.

APPLICATION GUIDE FOR FOSTER BRIDGING ENCAPSULANT 32-32

MATERIAL PREPARATION

Stir well but do not use sticks, boards, or anything else which could otherwise contaminate the product. DO NOT THIN!

SITE PREPARATION

As a minimum, follow all procedures outlined by Federal, State, and Local Authorities regulating asbestos abatement projects and the wastes generated therein.

MATRIX EVALUATION

Every ACM contemplated for encapsulation must be evaluated as to its inherent adhesive/cohesive strengths as well as its physical ability to receive an encapsulant.

APPLICATIONS

TO SPRAY APPLIED ASBESTOS CONTAINING MATERIALS - using the recommended spray equipment, coat the matrix with Foster Bridging Encapsulant, holding the spray gun perpendicular to the surface of the ACM with the tip of the gun between 12 and 18 inches (30-46 cm) from the surface to be coated. Apply sufficient 32-32 to produce approximately one half the total recommended dry film thickness (minimum 25 mils wet). Allowing an open time of 8 hours (depending on the temperature and humidity conditions), a second application of encapsulant is made to the same area in the same manner, in an opposite pass direction from that used to apply the first coat. This procedure is continued until the total desired minimum dry film thickness is achieved. Average viscosity range: 15,000-30,000 cps.

TO PIPE COVERING AND BOILER LAGGING SYSTEMS - Clean the surface of the pipe covering/boiler lagging using a rag or sponge thoroughly moistened with PROTEKTOR Sealant, 32-22. (In the case of a larger structure, spray apply a mist coat.) Consider the wipe pad to be contaminated material and dispose of in an appropriate manner. Coat the ACM with Foster Bridging Encapsulant via brush/spray to minimum thickness of 25-30 mils wet. Imbed into this wet film a reinforcing membrane, smoothing out any wrinkles and overlapping all edges and seams at least 2 inches (5cm). (The reinforcing membrane should have weave openings no smaller than 10x10.) While the coating is still wet, apply a second coat of Foster Bridging Encapsulant in the same manner as the first. The resultant cured film shall have a minimum thickness of 25 mils dry.

IMPORTANT NOTE: The quantity of material required to properly encapsulate an ACM is a variable which is dependent upon the surface profile of the intended matrix. The estimated quantity required should be derived from a coverage test and equated to the larger area. The best means of insuring adequate coverage is to determine the amount of material that will be required for a specific area, segregate that quantity in the defined area, and apply until the segregated material is exhausted.

APPROPRIATE SPRAY EQUIPMENT

Any of the following GRACO pumps (or their equivalent) can be used to spray Foster Bridging Encapsulant.

Pumps: Ultramax 795 or Ultramax 1095

Hose: 3/8 inch (9.53mm) inside diameter minimum.

Gun: GRACO Silver or Golden Hydramastic gun with Reverse-A-Clean tip assembly.

Tip Size: .019" to .029" (0.48 to 0.74mm). Fan size is usually 4 to 6.

Average Viscosity Range: 15,000 - 20,000 cps.

CLEAN UP

Use fresh water to clean equipment before product dries. Dry product may be removed with hot soapy water or strong solvents such as chlorinated solvent (non-flammable) or xylol (flammable).



CUSTOMER SERVICE—800-231-9541 OR 800-338-2975

IMPORTANT: Specialty Construction Brands, Inc. 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.**

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