

PROPERTIES

COLOR:

Aluminum

APPLICATION CONSISTENCY:

Trowel, Caulking Gun or Power Extrusion Equipment

AVERAGE WEIGHT/U.S. GALLON (ASTM D 1475):

9.3 lbs. (1.1 kg/l)

AVERAGE NON-VOLATILE (ASTM C 461):

52 to 58% by volume (65% by weight)

COVERAGE RANGE (FSTM 72):**Trowel:**

12 to 25 sq. ft./gal. (0.29 to 0.61 m²/l)

1/8 to 1/16 in. (3.2 to 1.6 mm) wet film thickness.

Caulking Gun:

125 lineal ft. per 10.5 fluid oz. tube,

1/8 in. bead. (38 m per .31 l tube, 3.2 mm bead)

30 lineal ft. per 10.5 fluid oz. tube, 1/4 in. bead

(9 m per .31 l tube, 6.4 mm bead).

DRYING TIME (ASTM D 15):

Touch: 1/2 hour

Through: 72 hours

SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature at coated surface)

Joint Sealant - Urethane Foam

Minus 150°F to 200°F (-101°C to 93°C)

Joint Sealant - Cellular Glass

Minus 100°F to 250°F (-73°C to 121°C)

Flashing Compound

(Temperature at Flashed Surface)

Minus 40°F to 250°F (-40°C to 121°C)

WET FLAMMABILITY (ASTM D 3278)

Flash Point: 105°F (41°C)

SURFACE BURNING CHARACTERISTICS (ASTM E 84)

Flame Spread: 15

Smoke Developed: 0

Tested at coverage rate of 25 sq. ft./gal. (0.61 m²/l) in 2 in. (5 cm) strip.

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 ELASTOLAR® SEALANT

FOSTER ELASTOLAR Sealant is a fire resistive, flexible butyl elastomer based vapor barrier sealant. It is designed for sealing joints in insulation (except polystyrene foam), metal, and masonry wherever maintenance of a water-tight and air-tight seal is required. It can be used as a joint sealant in low velocity duct air-conditioning systems. It is ideal for sealing the laps of aluminum jacketing to prevent the entrance of moisture.

ELASTOLAR Sealant is a fast drying vapor barrier sealant that can be top coated with most solvent-thinned, flexible, light colored coatings without danger of bleed through. It is weather resistant and may be used outdoors without top coating.

ELASTOLAR Sealant is the preferred product for flashing projections and terminations where a complete moisture and vapor seal is required.

ELASTOLAR Sealant meets NFPA 90A and 90B 25/50 requirements.

WATER VAPOR PERMEANCE:

ASTM F-1249: 0.014 perm (0.0092 metric perm) at 0.094 in. (2.38 mm) dry film thickness. Tested at 100°F (38°C) and 90% RH

The water vapor transmission through 1 in. of impermeable insulation in 12 x 18 in. blocks with 1/8 in. joints of ELASTOLAR Sealant is too small to measure.

ELASTOLAR Sealant contains no asbestos, lead, mercury, or mercury compounds.

ELASTOLAR Sealant may meet requirements for LEED IEQ 4.1 Low-Emitting Materials, Adhesives and Sealants for some applications where the use falls under the 'Other' category. Refer to LEED guides for more information. VOC: 384 g/l, less water (336 g/l, less water cartridge grade)

LIMITATIONS

Store and apply between 40°F and 100°F (4°C and 38°C). Always test plastic materials for compatibility when using a solvent base product.

When used in exposed locations without top-coating, this product may darken or discolor due to surface dirt pick-up. This will not affect its performance.

Make certain this product is completely dry and the area is free from solvent odor if food is involved.

Select Foster 30-45 for joint sealing polystyrene foam insulations.

APPLICATION GUIDE FOR FOSTER ELASTOLAR® SEALANT 95-44

MATERIAL PREPARATION

DO NOT THIN. Apply only to clean, dry, oil free surfaces. Keep container closed when not in use.

APPLICATION

Apply by trowel, putty knife, caulking gun or power extrusion. When sealing insulation joints apply ELASTOLAR Sealant to the edges of abutting sections at 1/16 in. to 1/8 in. (1.6 mm to 3.2 mm) wet film thickness and press mating surfaces together firmly to squeeze out air bubbles and to obtain complete contact. Strike off excess sealant on surface with a trowel. When flashing, do not trowel out to feather edge, but maintain a minimum of 1/8 in. (3.2 mm) wet film thickness throughout entire area of use. Use membrane as specified. For best application, the material temperature should be 60°F (16°C) or higher.

Note: Pressurized piping made from copper and aluminum alloys may be susceptible to under insulation corrosion when moisture is present and in direct contact with many materials. When used as a joint sealant direct contact between pressurized pipes made from these metals and the sealant should be prevented.

POWER EXTRUSION

ELASTOLAR Sealant may be applied using a wide variety of power (pressure) extrusion equipment suitable for use with solvent base sealants. Typical viscosity range: 1.5 -2.0 million cps.

CLEAN-UP

Use solvent such as chlorinated solvent (non-flammable) or mineral spirits (flammable) for cleaning tools and equipment.

DATA REPORTED FROM ASTM E84 FIRE TEST (TUNNEL TEST)

ADHESIVES	
H.B. Fuller Company	
	Surface Burning Characteristics
	1/4 inch (6.4 mm) Inorganic Reinforced Cement Board
Surface Flame Spread	15
Smoke Developed	0
Number of Coats	1
Tested as applied in a 2 in. wide strip at a coverage of 25 sq. ft. per gal.	



CUSTOMER SERVICE: 800-231-9541

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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 six months from date of shipment to the original purchaser.

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