



95-44 Foster Elastolar Sealant

Colour

Aluminium

Application Consistency

Trowel, caulking gun or power extrusion equipment

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

9.1 lbs. (1.09 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 linear ft. per 10.5 fluid oz. tube, 1/8 in. bead. (38 m per .31 tube, 3.2 mm bead.) 30 linear ft. per 10.5 oz. tube, 1/4 in. bead. (9 m per .31 tube, 6.4 mm bead).

Drying Time (ASTM D 15)

Touch : 1/2 hours

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 surfaces.

Foster Elastolar Sealant is a fire resistive, flexible butyl base elastomer based vapour barrier sealant. It is designed for sealing joints in insulation, 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 aluminium jacketing to prevent the entrance of moisture.

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

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

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

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

Water Vapour Transmission Rate (ASTM E 96)

The water vapour 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.

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.

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

FSTM : Foster Standard Test Method

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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 18 in. (3.2 mm) wet film thickness throughout entire area of use. Use membrane as specified.

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

Surface	¼ 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.

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.