



95-50 Foster Flextra Sealant

Colour

Off White

Application Consistency

Trowel, Power Extrusion

Average Weight (DIN 51757)

1.34 kg/l

Average Non-Volatile (ASTM D 2369)

84% by volume (91% by weight)

Coverage Range (FSTM 71)

Trowel:

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

1/8 in. to 1/16 in. wet film thickness

(3.2 mm to 1.6 mm)

Drying Time

Skins over in 2 to 3 hours, essentially non-drying.

Service Temperature Limits (FSTM 70)

(Temperature at coated surface)

Urethane Foam

Minus 261°F to 200°F (-163°C to 93°C)

Cellular Glass

Minus 150°F to 200°F (-100°C to 93°C)

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 95-50 is too small to measure.

Wet Flammability (DIN 53213)

Flash point, 106°F (41°C)

Combustibility (dry) (FSTM 44)

Combustible. Flame spread and fuel contribution negligible when used as sealant in 1/8 in. wide joints of incombustible insulation.

Foster Flextra Sealant is a one component, elastomer based product used as a vapour barrier sealant in the joints of cellular glass and urethane foam board stock insulations. It remains soft and flexible, preventing damage to the insulation due to thermal cycling through a wide range of temperatures.

Flextra Sealant is primarily used with low temperature insulation to prevent the migration of water and water vapour into the insulation system via butt joints.

Flextra Sealant is supplied in a special “buttery” consistency, which facilitates application to insulation surfaces without stringing or excessive drag. It may be applied at temperatures as low as 50°F (10°C) without difficulty.

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

Limitations

Store and apply between 40°F (4°C) and 100°F (38°C).

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

Not suggested for use under solvent base mastics or coatings, if minor surface discoloration and/or dirt pick-up would be objectionable. Discoloration can be minimized by allowing 24 to 48 hours cure time before top coating.

Not suggested for use as a flashing compound.

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FSTM: Foster Standard Test Method



FOSTER FLEXTRA SEALANT 95-50

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 or power extrusion. When sealing insulation joints, apply Flextra to the edges of abutting sections at 1/16 in. to 1/8 in. (1.6 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 trowel.

Power Extrusion – Lock Joint Forming Machines

Flextra Sealant may be applied using a wide variety of power (pressure) extrusion equipment suitable for use with solvent base sealants. It has a soft and buttery consistency with a typical viscosity range of 150.000 to 250.000 cps.

Note:

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

Clean-Up

Use solvent such as white spirit or mineral spirits (flammable) for cleaning tools and equipment.

For industrial use only.

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

In the course of time changes herein may (have) take(n) place. The above tests were carried out in accordance with the above mentioned internal test standards and are indicative. No guarantee as to completeness, accuracy or results is either expressed or implied. The suitability to an intended use is the responsibility of the user. As material-choice, method of application and site conditions are beyond our control, we accept no liability for direct or consequential damages; our only obligation being to resupply ex our stores any material that is proved to be defective within the published* shelf life.

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

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