



## 95-50 Foster Flextra Sealant

**Colour**  
Off White

**Application Consistency**  
Trowel, Power Extrusion

**Average Weight/ U.S. Gallon (ASTM D 1475)**  
12.1 lbs. (1.45 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 m<sup>2</sup>/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 250°F to 160°F (-157°C to 71°C)  
Cellular Glass  
Minus 200°F to 160°F (-129°C to 71°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 (ASTM D 2378)**  
Flash point, 108°F (42°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 also recommended as a bedding compound for the installation of a cellular glass insulation. In this application, it protects both the insulation from abrasion and metal surfaces from corrosion.

**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.

Do not use this product where surface temperature will exceed 160°F (71°C).

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 1 million-2 million cps.

### Clean-Up

Use solvent such as chlorinated solvent (non-flammable) 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. 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.