

### PROPERTIES

**COLOR:**

Tan

**APPLICATION CONSISTENCY:**

Trowel, Power Extrusion

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

11.6 lbs. (1.39 kg/l)

**AVERAGE NON-VOLATILE (In use)**

82% by volume (89% by weight)

73% by weight (ASTM D 2369, 110°C)

**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 202):**

(Temperature at coated surface)

PIR / 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 VAPOR TRANSMISSION RATE (ASTM E 96):**

The water vapor 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 93):**

Flash point 145°F (63°C)

**COMBUSTIBILITY, DRY:**

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

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### FOSTER® FLEXTRA® SEALANT

**FOSTER® FLEXTRA® Sealant** is a one component, butyl rubber based product used as a vapor barrier sealant in the joints of cellular glass, polyisocyanurate (PIR), urethane and phenolic 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 vapor into the insulation system via butt joints.

**FLEXTRA® Sealant** is also recommended as a bedding compound for the installation of 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** meets requirements for LEED IEQ 4.1 Low-Emitting Materials, Adhesives and Sealants. VOC: <420 g/l, less water and exempt solvents.

**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 and 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.

Do not use this product where surface temperature will exceed 200°F (93°C).

Not suggested for use as a flashing compound.

# APPLICATION GUIDE FOR 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**

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 225,000-325,000 cps (HBT, 5 rpm).

Note: Pressurized piping made from copper and aluminum 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 metals and the sealant should be prevented.

## **CLEAN UP**

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

## **CUSTOMER SERVICE: (800) 832-9002**

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