

PROPERTIES

COLOR: White

APPLICATION CONSISTENCY:

Brush, glove, or spray

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

9.8 pounds (1.17 Kg/l)

AVERAGE NON-VOLATILE (ASTM D 1644):

44% by volume (62% by weight)

COVERAGE (FSTM 72):

(Subject to the nature of material being coated). Wet coverages shown below are for smooth non-porous surfaces. Porous or rough surfaces will require higher gallonage to attain required dry thickness.

4 gallons per 100 square feet minimum (1.6 l/m²) 0.064 in. wet thickness (1.6 mm)

DRYING TIME 73°F (23°C) 50% RH (aSTM D 1640):

Set to Touch: 8 hours

Dry Through: 24 hours

SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature at coated surface) 0°F to 180°F
(-18°C to 82°C)

WATER VAPOR PERMEANCE (ASTM F 1249):

0.05 perm at 0.035 inch dry film thickness
(0.03 metric perm at 0.9 mm).

WET FLAMMABILITY (ASTM D 93)

Flash point 100°F (38°C)

**SURFACE BURNING CHARACTERISTICS
(ASTM E 84):**

Flame Spread: 20

Smoke Developed: 10

Tested at coverage rate of 50 square feet per gallon (1.2 m²/l).
Applied to 1/4 inch (6.4 mm) inorganic reinforced cement board.

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Visit us on the web at www.fosterproducts.com

FOSTER TITE-FIT™ COATING



FOSTER TITE-FIT Coating is a flexible, low odor, fire resistive, high solids, vapor barrier finish for most types of rigid thermal insulation, except Polystyrene.

TITE-FIT Coating is formulated for both indoor and outdoor use on commercial type applications. It is a solvent based coating with a mild "paint type" odor, designed for use on pipes, vessels, ducts and equipment operating below ambient temperatures.

TITE-FIT Coating is also used for vapor sealing ASJ, FRK, and FSK jackets and board facings at joints, laps, and over staple and weld pin punctures. It exhibits good adhesion to these jacketing materials when used as a protective coating.

TITE-FIT Coating meets the requirements of Military Specification MIL-C-19565C, Type II.

TITE-FIT Coating is produced under the Classification and Follow-up Service of Underwriter's Laboratories, Inc.

TITE-FIT Coating meets NFPA 90A and 90B 25/50 requirements.

TITE-FIT Coating contains no asbestos, lead, mercury, or mercury compounds.

LIMITATIONS

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

For best results, select Elastolar 95-44 for insulation joint sealing under TITE-FIT Coating.

The solvent odor in this product may take several days to dissipate. When working in occupied or confined areas, the use of 30-80 or 30-90, water based products, is recommended.

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

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

5/05
DPI Outdoor horizontal surfaces must always drain completely. A pitch of at least 1/2 inch per foot (4 cm/m) is required.

After long term outdoor exposure 30-35 may weather to an off-white or buff color.

Specialty Construction Brands, Inc.

APPLICATION GUIDE FOR FOSTER TITE-FIT™ COATING 30-35

MATERIAL PREPARATION

Stir well, DO NOT THIN. Apply only to clean, dry, oil-free surfaces. Keep container closed when not in use to prevent solvent evaporation.

APPLICATION

To prevent water vapor and moisture infiltration, proper and complete flashing is required. Follow flashing specifications.

1. Apply a tack coat of Foster TITE-FIT Coating at 2 gallons per 100 square feet (0.8 l/m²) by brush or glove.
2. Embed into the wet tack coat Foster MAST-A-FAB® white membrane. Smooth membrane to avoid wrinkles and overlap all seams at least two inches (51 mm). Apply finish coat of TITE-FIT Coating at 2 gallons per 100 square feet (0.8 l/m²).
3. This application shall provide a minimum dry film thickness of 28 mils (0.7 mm).

MOISTURE BARRIER SEALER – VAPOR STOPS - FIBERGLASS INSULATION

1. Where required at all fittings and at specified intervals of straight-run pipe insulation, apply Foster TITE-FIT Coating 1/16 inch (1.6 mm) thick to all butt joints of pipe insulation and onto the bore of the insulation for a minimum of two inches from the joint.
2. Position insulation, press firmly into place making certain that a complete unbroken seal is obtained.

BRUSH OR GLOVE

Use a good brush, making strokes as long as possible over the surface. In glove application, wet the glove with mineral spirits (flammable) occasionally to improve slip and give a smooth appearance to the work.

SPRAY

TITE-FIT Coating may be airless spray applied. For spray equipment information, please consult Foster's Airless Spray Recommendations or contact your airless spray equipment supplier. Average viscosity range: 90,000-110,000 cps.

CLEAN-UP

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

DATA REPORTED FROM UNDERWRITERS' LABORATORIES, INC. BUILDING MATERIALS DIRECTORY

Coating, General Purpose	R3593
H.B. Fuller Company	Surface Burning Characteristics 1/4 inch (6.4 mm) Inorganic Reinforced Cement Board
Surface Flame Spread	20
Smoke Developed	10
Number of Coats	1
Rate Per Coat (sq/ ft. per gal.)	50



CUSTOMER SERVICE—800-231-9541 OR 800-338-2975

IMPORTANT: Specialty Construction Brands, Inc. warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. WE MAKE NO OTHER WARRANTIES AND EXPRESSLY DISCLAIM ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a product fails to meet this limited warranty, purchaser's sole and exclusive remedy is replacement of the product or, at our option, refund of the purchase price. OUR ACCEPTANCE OF ANY ORDERS FOR THE PRODUCT IS EXPRESSLY CONDITIONAL UPON PURCHASER'S ASSENT TO THE TERMS ON THE APPLICABLE INVOICE.

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.**