



TITE-FIT™ Coating 30-35™ Product Data Sheet

PROPERTIES

COLOR:

White

APPLICATION CONSISTENCY:

Brush, glove or spray

AVERAGE WEIGHT/U.S. GALLON (ASTM D1475):

9.8 lbs. (1.17 kg/l)

AVERAGE NON-VOLATILE (ASTM D2369):

44% by volume (62% by weight)

COVERAGE RANGE:

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 sq. ft. minimum (1.6 l/m²) 0.064 in. wet thickness (1.6 mm)

DRYING TIME 73°F (23°C) 50% RH:

Set to Touch: 8 Hours

Dry Through: 24 Hours

SERVICE TEMPERATURE LIMITS:

Temperature at coated surface.

0°F to 180°F (-18°C to 82°C)

WATER VAPOR PERMEANCE (TYPICAL AVERAGE):

ASTM F1249: 0.05 perms (0.03 metric perms) at 23 mils (0.6 mm) dry film thickness. Tested at 75°F (24°C) and 50% RH.

TITE-FIT™ COATING meets the permeance requirements of ASTM C755-19 for below ambient vapor retarder coatings.

WET FLAMMABILITY:

Flash point 100°F (38°C)

SURFACE BURNING CHARACTERISTICS (ASTM E84):

Flame Spread: 20

Smoke Developed: 10

Tested at coverage rate of 50 sq. ft. per gal. (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-resistant, high solids, vapor retarder 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-PRF-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 VAPOR-SAFE® 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.

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.

H.B. Fuller Construction Products Inc.

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**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 RETARDER 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

Foster® TITE-FIT™ Coating may be airless spray applied. For spray equipment information, please consult 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

	GENERAL PURPOSE COATING SURFACE BURNING CHARACTERISTICS	
	Applied to ¼" Inorganic Reinforced Cement Board	
	Flame Spread:	20
	Smoke Developed:	10
	Rate per Coat (sq. ft./gal.):	50
	Number of Coats:	1
	Flash Point of Liquid Coating (Closed Cup):	110°F
282U		

CUSTOMER SERVICE: (800) 832-9002

IMPORTANT: H.B. Fuller Construction Products 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 twelve months from date of shipment to the original purchaser or as otherwise provided on the certificate of analysis.

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