

## PROPERTIES

**COLOR:** White

**APPLICATION CONSISTENCY:** Brush or airless spray

**AVERAGE WEIGHT/U.S. GALLON (ASTM D 1475):**  
9.5 lbs. (1.14 kg/l)

**AVERAGE NON-VOLATILE (ASTM D 1644):**  
41% by volume (58% by weight)

**COVERAGE (FSTM 72):**  
(Subject to the nature of material being coated). Wet coverages shown are for smooth non-porous surfaces. Porous or rough surfaces may require higher gallonage to attain required dry thickness.  
4 gal./100 sq. ft. (1.6 l/m<sup>2</sup>) 0.064 in. wet thickness (1.6 mm)

**DRYING TIME (ASTM d 1640):**  
Set to Touch: 8 hours  
Dry Through: 24 hours

**SERVICE TEMPERATURE LIMITS (FSTM 70):**  
(Temperature at coated surface)  
Minus 20°F to 180°F (-29°C to 82°C)

**WATER VAPOR PERMEANCE (ASTM F 1249):**  
0.05 perm at .028 in. dry film thickness, 100°F (38°C), 90% R.H. (0.03 metric perm at 0.7 mm).

**WET FLAMMABILITY (ASTM d 3278):**  
Flash Point 114°F (46°C)

**SURFACE BURNING CHARACTERISTICS (ASTM E 84):**  
Flame Spread: 10  
Smoke Developed: 10  
Tested at coverage rate of 25 sq. ft. per gal. (0.61 m<sup>2</sup>/l).  
Applied to 1/4 inch (6.4 mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

FSTM: Foster Standard Test Method  
™ Trademark of Specialty Construction Brands, Inc.

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## FOSTER VAPOR-FAS™ COATING



**FOSTER VAPOR-FAS Coating** is a flexible, fire-resistive vapor barrier finish for most types of rigid thermal insulation, except Polystyrene.

**VAPOR-FAS Coating** is formulated for indoor use. 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.

**VAPOR-FAS 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.

**VAPOR-FAS Coating** meets the requirements of Military Specification MIL-C-19565C, Type II.

**VAPOR-FAS Coating** is approved by the U.S. Coast Guard under 164.012.

**VAPOR-FAS Coating** meets NFPA 90A and 90B 25/50 requirements.

**VAPOR-FAS Coating** is produced under the classification and follow-up service of Underwriter's Laboratories, Inc.

**VAPOR-FAS Coating** contains no asbestos, lead, mercury, or mercury compounds.

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

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

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

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.

8015  
5/05  
DPI

# APPLICATION GUIDE FOR FOSTER VAPOR-FAS™ COATING 30-15

## MATERIAL PREPARATION

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

## APPLICATION

1. Apply tack coat of VAPOR-FAS Coating at 2 gals/100 sq. ft. (0.8 l/m<sup>2</sup>) by spray or brush.
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 VAPOR-FAS Coating at 2 gals./100 sq. ft. (0.8 l/m<sup>2</sup>).
3. This application shall provide a minimum dry film thickness of 26 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 VAPOR-FAS Coating 1/16" (1.6 mm) thick to all butt joints of pipe insulation and onto the bore of the insulation for a minimum of two inches (5 cm) from the joint.
2. Position insulation, press firmly into place making certain that a complete unbroken seal is obtained.

## BRUSH

Use a good brush, making strokes as long as possible over the surface. Multiple coats may be needed to achieve the minimum dry film thickness.

## SPRAY

Vapor-Fas 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: 40,000-70,000 cps.

## CLEAN UP

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

### DATA REPRODUCED FROM UNDERWRITERS' LABORATORIES, INC. BUILDING MATERIALS DIRECTORY

<b>COATING, GENERAL PURPOSE</b>	R 3593
<b>H.B. Fuller Company</b>	
	Surface Burning Characteristics
	1/4 inch (6.4 mm) Inorganic Reinforced Cement Board
Surface Flame Spread	10
Smoke Developed	10
Number of Coats	1
Rate per Coat (sq. ft. per gal.)	25



## 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.