



## PROPERTIES

**COLOR:** White

**APPLICATION CONSISTENCY:** Brush, airless spray

**AVERAGE WEIGHT/U.S. GALLON (ASTM D 1475):**  
11.5 lbs. (1.38 kg/l)

**AVERAGE NON-VOLATILE (ASTM D 1644):**  
48% by volume (62% by weight)

**COVERAGE RANGE (FSTM 71):**  
(Subject to the surface 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 (1.6 l/m<sup>2</sup>) .064 in. wet thickness (1.6 mm)

**DRYING TIME 73° (23°C) 50% RH (ASTM D 1640):**  
Set To Touch: 4 hours  
Through: 24 hours

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

**WATER VAPOR PERMEANCE:**  
ASTM E 96 Procedure A, 0.03 perms at 45 mils dry.  
Tested at 72°F and 50% RH.  
ASTM F 1249, 0.08 perms at 45 mils dry. Tested at 100°F (38°C) and 50% RH.

**WET FLAMMABILITY (ASTM D 3278):**  
Flash Point: None to boiling, 212°F (100°C).

**SURFACE BURNING CHARACTERISTICS (ASTM E D 84):**  
Flame Spread: 15  
Smoke Developed: 35  
Tested at coverage rate of 25 sq. ft. per gal. (0.61m<sup>2</sup>/l) in a 4 inch (102 mm) wide strip.  
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.

<sup>™</sup> Trademark of Specialty Construction Brands, Inc.

## FOSTER<sup>®</sup> VAPOR-FAS<sup>™</sup> WB COATING

**Foster<sup>®</sup> Vapor-Fas<sup>™</sup> WB Coating** is an economical fire resistive vapor barrier coating for use over many types of thermal insulation including polystyrene foam. It is ideal for use over ASJ, FRK and FSK jackets and board facings to give a vapor barrier seal at joints, laps and weld pin punctures.

**Vapor-Fas WB Coating** is formulated for indoor and outdoor commercial use. It has a mild latex "paint type" odor and is designed for use on pipes, vessels, ducts and equipment operating between 32°F (0°C) and ambient temperatures.

**Vapor-Fas WB Coating** has a WVTR rating in the range of other competitive water based vapor barrier coatings. For increased vapor barrier protection and for heavier duty commercial or industrial use select Foster 30-80 or 30-90 VAPOR SAFE Coatings and Mastics.

**Vapor-Fas WB Coating** contains no asbestos, lead mercury, or mercury compounds.

**Vapor-Fas WB Coating** meets NFPA 90A and 90B 25/50 requirements.

### LIMITATIONS

Store and apply between 40°F (4°C) and 100°F (38°C), protect from freezing until dry.

Always test foil and paper facings, and plastic surfaces for acceptable adhesion before using.

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

To resist rain washoff, allow at least 16 hours drying time above 50°F (10°C), with a relative humidity of 50%. Higher humidity and/or lower temperature may retard drying.

Visit us on the web at [www.fosterproducts.com](http://www.fosterproducts.com)

**Specialty Construction Brands, Inc.**

# APPLICATION GUIDE FOR FOSTER® VAPOR-FAS™ WB COATING 30-65™

## MATERIAL PREPARATION

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

## APPLICATION — INDOOR AND LIGHT DUTY OUTDOOR

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

1. Apply tack coat of Foster Vapor-Fas WB Coating at 2 gallons per 100 square feet (0.8 l/m<sup>2</sup>).
2. Embed Foster MAST-A-FAB white membrane into the wet tack coat. Smooth membrane to avoid wrinkles and overlap all seams at least two inches (5 cm). Apply finish coat of Vapor-Fas WB Coating, within 1/2 hour of the tack coat application, at 2 gallons per 100 square feet (0.8 l/m<sup>2</sup>).
3. This application shall provide a minimum dry thickness of 31 mils (0.8 mm).

## MOISTURE BARRIER SEALER

1. Where required at all fittings and at specified intervals of straight-run pipe insulation, apply Vapor-Fas WB Coating at 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

Use a good brush, suitable for water based paints, making strokes as long as possible over the surface. Apply with full brush and spread out evenly. Do not overwork.

## SPRAY

Foster Vapor-Fas WB Coating may be airless spray applied. For spray equipment information, please consult Airless Spray Recommendations or contact your Spray Equipment Supplier. Average viscosity range: 85,000-110,000 cps. Corrosion resistant pumps and fittings are suggested.

## CLEAN UP

Use fresh water to clean brushes and equipment before product dries. Dry product may be removed with hot soapy water (with ammonia added) or strong solvents such as chlorinated solvent (non-flammable) xylol or mineral spirits (flammable).

## DATA REPORTED FROM ASTM E84 FIRE TEST (TUNNEL TEST)

<b>ADHESIVES</b>	
<b>H.B. Fuller Company</b>	
	Surface Burning Characteristics
	1/4 inch (6.4 mm) Inorganic Reinforced Cement Board
Surface Flame Spread	15
Smoke Developed	35
Number of Coats	1
Tested as applied in a 4 in. wide strip at a coverage of 25 sq. ft. per gal.	



## 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.**