



## PROPERTIES

**COLOR:**

White

**APPLICATION CONSISTENCY:**

Brush, airless spray

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

11.5 lbs. (1.38 kg/l)

**AVERAGE NON-VOLATILE (ASTM D2369):**

48% by volume (62% by weight)

**COVERAGE RANGE:**

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>) 0.064 in. wet thickness (1.6 mm)

**DRYING TIME 73° (23°C) 50% RH:**

Set To Touch: 4 hours

Through: 24 hours

**SERVICE TEMPERATURE LIMITS:**

Temperature at coated surface.

-20°F to 180°F (-29°C to 82°C)

**WATER VAPOR PERMEANCE (TYPICAL AVERAGE):**

Tested with reinforcing mesh

ASTM F1249: 0.08 perms at 45 mils dry film thickness.

Tested at 100°F (38°C) and 50% RH

ASTM E96, PROCEDURE A: 0.08 perms at 44 mils dry film thickness. Tested at 72°F and 50% RH

Meets the permeance requirements of ASTM C755, Section 7.2.2 for below ambient vapor retarder coatings when used as a closure mastic in conjunction with ASJ and other vapor retarder membranes.

**WET FLAMMABILITY:**

Flash point: none to boiling, 212°F (100°C)

**SURFACE BURNING CHARACTERISTICS (ASTM E84):**

Flame Spread: 5

Smoke Developed: 30

Tested at coverage rate of 25 sq. ft. per gal. (0.61 m<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.

## FOSTER® VAPOR-FAS™ WB COATING

**FOSTER® VAPOR-FAS™ WB Coating** is an economical, fire-resistant, 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 insulated pipes, vessels, ducts and equipment operating between 32°F (0°C) and ambient temperatures.

**VAPOR-FAS™ WB Coating** has a low WVTR rating effectively sealing against water ingress.

**VAPOR-FAS™ WB Coating** meets NFPA 90A and 90B 25/50 requirements when used to seal seams and punctures in vapor barrier facings and jacketing.

**VAPOR-FAS™ WB Coating** meets the requirements of:

- MAS Certified Green®
- California Dept. of Public Health Standard Method v1.2
- VOC Emissions and Content requirements to contribute to **LEED v4** EQ Credit: Low Emitting Materials – Paints and Coatings
- Collaborative for High Performance Schools EQ 7.1

VOC Content: 38 g/l, less water and exempt solvents.



**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 (4 cm/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.

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

**H.B. Fuller Construction Products Inc.**

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# 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.

To seal seams, overlaps, punctures, penetrations and terminations of vapor retarder membrane jacketing:

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).

## 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) or xylol or mineral spirits (flammable).

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

#### ADHESIVES

H.B. Fuller Company

#### Surface Burning Characteristics

Applied to 1/4 inch (6.4 mm) Inorganic Reinforced Cement Board

Surface Flame Spread: 5

Smoke Developed: 30

Number of Coats: 1

Tested as applied in a 4 in. wide strip at a coverage of 25 sq. ft. per gal.

## CUSTOMER SERVICE: 800-832-9002

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.