



PROPERTIES

COLOR:

White

APPLICATION CONSISTENCY:

Brush, spray or dip

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

10.1 lbs. (1.21 kg/l)

AVERAGE NON-VOLATILE (ASTM D 2369):

34% by volume (45% by weight)

COVERAGE (FSTM 72):

(Subject to type of surface being bonded) 80 to 90 sq. ft. per gal. (2.0 to 2.2 m²/l) per coat. 0.020 in. to 0.018 in. wet film thickness (0.51 to 0.46 mm)

BONDING TIME RANGE (FSTM 66):

0 to 10 minutes (depending on temperature and humidity)

SERVICE TEMPERATURE LIMITS (FSTM 70):

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

WATER VAPOR PERMEANCE (ASTM F 70):

2.0 perms at 0.019 in. dry film thickness
(1.3 metric perms at 0.5 mm). Tested at 100°F (38°C) and 90% RH.

WET FLAMMABILITY (ASTM D 3278):

No flash to boiling, 212°F (100°C)

SURFACE BURNING CHARACTERISTICS (ASTM 84):

Flame Spread: 10

Smoke Developed: 5

Tested at coverage rate of 40 sq. ft./gal. (1.0 m²/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.

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Visit us on the web at www.fosterproducts.com

FOSTER LAGFAS® ADHESIVE/COATING



FOSTER LAGFAS Adhesive/Coating is a waterbased polyvinyl acetate emulsion adhesive with typical quick-setting properties, used extensively for adhering and sizing canvas and glass cloths, and other types of fabric covering over thermal insulation installed indoors. It presents a neat white cleanable finish, and will not yellow or become discolored with age. Cotton fabrics shrink tight and smooth onto the insulation.

LAGFAS Adhesive/Coating has excellent brushing characteristics, which will result in better coverage and uniformly coated surfaces.

LAGFAS Adhesive/Coating complies with current requirements regarding use in meat and poultry processing areas under federal inspection. Letter of certification is available upon request.

LAGFAS Adhesive/Coating contains no asbestos, lead, mercury, or mercury compounds.

LAGFAS Adhesive/Coating meets requirements for LEED IEQ 4.1 Low-Emitting Materials, Adhesives and Sealants when used as a lagging adhesive. VOC: 55 g/l, less water and exempt solvents – theoretical (<10g/l analytically determined).

LAGFAS Adhesive/Coating is produced under the classification and follow-up service of Underwriter's Laboratories, Inc. and meets NFPA 90A & 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 for acceptable adhesion before using.

H.B. Fuller Construction Products Inc.

1105 South Frontenac Street o Aurora, IL 60504 o 800-832-9002 o fax 800-952-2368

APPLICATION GUIDE FOR FOSTER LAGFAS® ADHESIVE/COATING 81-42W

MATERIAL PREPARATION

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

APPLICATION

1. Apply a tack coat of LAGFAS Adhesive/Coating at 80 to 90 sq. ft./gal. (2.0 - 2.2 m²/l).
2. Immediately imbed the selected lagging fabric into the wet adhesive. Smooth to avoid wrinkles and overlap seams by at least 2 inches (5 cm).
3. Immediately apply a sizing coat of LAGFAS Adhesive/Coating at 80 to 90 sq. ft./gal. (2.0 - 2.2 m²/l). The dry film thickness of this application will vary with the fabric selected.

BRUSH

Use clean paint brushes. Apply a full coat in uniform thickness.

DIP


On long runs or large surface areas, lagging fabric may be dipped to achieve greater speed and labor economy. Lagging cloths and tapes if dipped must be applied to the insulation while lagging adhesive is still wet.

SPRAY

LAGFAS Adhesive/Coating may be spray applied using conventional air atomized or airless spray equipment. For spray equipment information, please consult Airless Spray Recommendations or contact your spray equipment supplier. Average viscosity range: 30,000 - 40,000 cps. Corrosion resistant pumps and fittings are suggested.

CLEAN-UP

Use clean fresh water for cleaning equipment before product dries. After product dries use solvent for clean-up such as chlorinated solvent (non-flammable) or xylol (flammable).

	GENERAL PURPOSE COATING	
	SURFACE BURNING CHARACTERISTICS	
Applied to ¼" Inorganic Reinforced Cement Board		
Flame Spread:		10
Smoke Developed:		5
Rate per Coat (Sq.ft/gallon):		40
Number of Coats		1
Flash point of liquid coating (closed cup):	No flash to boiling	
	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 six months from date of shipment to the original purchaser.

For professional use only. Keep out of reach of children.

Consult Material Safety Data Sheet and container label for further information.