



81-42

Foster Fire Resistive Lagfas® Adhesive & Coating

Colour

White

Application Consistency

Brush, spray or dip

Average Weight per U.S. Gallon (ASTM D 1475)

10.43 lbs. (1.25 kg/l)

Average Non-Volatile (ASTM D 1644)

35% by volume (45% by weight)

Coverage (FSTM 72)

(Subject to type of surface being bonded) 40 to 70 sq. ft. per gal. (1.0 to 1.7 m²/l) per coat. 0.024 in. to 0.039 in. wet film thickness (0.6 to 1.0 mm)

Bonding Time Range (FSTM 66)

0 to 10 minutes (depending on temperature and humidity)

Service Temperature Limits (FSTM 66)

(Temperature at coated surface) Minus 50°F to 180°F (-18°C to 82°C)

Wet Flammability (ASTM D 3278)

No flash to boiling, 212°F (100°C).

Surface Burning Characteristics (ASTM E 84)

Flame Spread: 10

Smoke Developed: 5

Tested at coverage rate of 40 sq. ft. per gal. (1.0 m²/l). Applied to ¼ inch (6.4 mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

© Trademark Foster Products Corp.

FSTM: Foster Standard Test Method

Foster Lagfas Adhesive/Coating is a quick-setting water-based adhesive and coating used indoors to adhere and size canvas, glass cloth or other lagging fabrics over pipe and duct insulation. It is also used to attach woven glass fibre tape to the joints of hard fibrous glass insulation board. This product is designed for marine and industrial use

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 in the US.

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

Lagfas Adhesive/Coating is produced under the classification and follow-up service of Underwriter's Laboratories, Inc.

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.



FOSTER LAGFAS® ADHESIVE/COATING 81-42

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 40 to 70 sq. ft. per gal. (1.0 to 1.7 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 40 to 70 sq. ft. per gal. (1.0 to 1.7 m²/l). The dry film thickness of this application will vary with the fabric selected.

Brush

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

Dip

On long runs or large surface areas, lagging fabric may be dipped to achieve greater speed and labour economy. Lagging cloths and tapes if dipped must be applied to 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 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).

**Data Reproduced From Underwriters' Laboratories, Inc.
Building Materials Directory**

**Coating, General Purpose
H.B. Fuller Company**

R3593

	Surface Burning Characteristics
	¼ inch (6.4 mm) Inorganic Reinforced Cement Board
Surface	
Flame Spread	10
Smoke Developed	5
Number of Coats	1
Rate per Coat (sq. ft. per gal.)	70

For industrial use only.

This data sheet is based on specifications, data and test results available to us at the time of publication. In the course of time changes herein may (have) take(n) place. No guarantee as to completeness, accuracy or results is either expressed or implied. The suitability to an intended use is the responsibility of the user. As material-choice, method of application and site conditions are beyond our control, we accept no liability for direct or consequential damages; our only obligation being to resupply ex our stores any material that is proved to be defective within the published* shelf life.

* If not applicable, within 6 months from date of supply.