



# 85-22

Product Data Sheet

## PROPERTIES

### COLOR:

Red

### APPLICATION CONSISTENCY:

Spray, brush, or roller

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

6.5 lbs. (0.77 kg/l)

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

20% by volume (28% by weight)

### COVERAGE RANGE:

Subject to type of surface and nature of material being bonded.

300 – 500 sq. ft./gal. (7.4 – 12.3 m<sup>2</sup>/l)

0.005 in. – 0.003 in. wet film thickness

(0.13 mm – 0.08 mm)

### BONDING TIME RANGE:

0 to 15 minutes

### SERVICE TEMPERATURE LIMITS:

Temperature at coated surface.

-20°F to 200°F (-29°C to 93°C)

### WET FLAMMABILITY:

Flash point: less than 20°F (-7°C)

### SURFACE BURNING CHARACTERISTICS (ASTM E84):

Flame Spread: 10

Smoke Developed: 25

Tested at coverage rate of 200 sq. ft./gal. (4.9 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.

## FOSTER® DUCT-FAS® ADHESIVE (FLAMMABLE)



**FOSTER® DUCT-FAS® ADHESIVE** is a red, quick-setting, synthetic elastomer, insulation adhesive. It has been designed for use in attaching low density (up to 3 lbs./cu. ft.) duct liner, duct wrap, and fibrous glass insulation to sheet metal. It uses a flammable solvent system.

**DUCT-FAS® ADHESIVE** has full coverage spray characteristics with conventional or airless spray equipment with little tendency to cobweb. Its high solids and gel-like consistency make it ideal for vertical or overhead surfaces and for brush or roller application.

**DUCT-FAS® ADHESIVE** meets ASTM C916, Type IV (ASC-A-7001A, Type IV) and NFPA 90A and 90B 25/50 requirements.

**DUCT-FAS® ADHESIVE** is produced under the classification and follow-up service of Underwriters Laboratories, Inc.

### LIMITATIONS

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

Always test plastic and painted materials for compatibility when using a solvent-based product.

Allow to dry to a solvent-free condition before installing weld pins.

Not suggested for sealing vapor barrier jackets.

Overhead applications may require mechanical fasteners.

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

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# APPLICATION GUIDE FOR FOSTER® DUCT-FAS® ADHESIVE 85-22 (FLAMMABLE)

## MATERIAL PREPARATION

Stir well. DO NOT THIN. Apply only to clean, dry surfaces. Keep container closed when not in use to prevent solvent evaporation. If stored below 60°F, the product should be conditioned in its unopened container at room temperature for at least 24 hours before usage.

## APPLICATION

Clean all surfaces thoroughly. Make sure the surfaces are free of any oil residue. Spray apply a uniform coverage of adhesive to one surface at 300 – 500 sq. ft./gal. (7.4 – 12.3 m<sup>2</sup>/l). While the adhesive is still wet, combine substrates with sufficient pressure to ensure 100% contact.

## SPRAY EQUIPMENT SUGGESTIONS


	MODEL SPRAYGUN	FLUID NOZZLE	AIR CAP	FLUID PRESSURE	ATOMIZATION PRESSURE
Binks	2001SS	63BSS	63PB	15 – 20 psi	40 – 50 psi
DeVilbiss	JGA-510	FF	777	15 – 20 psi	40 – 50 psi

Average viscosity: 2,000 – 3,500 cps.

## CLEAN UP

Use a chlorinated solvent (non-flammable) or xylol (flammable).

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

	ADHESIVES
	SURFACE BURNING CHARACTERISTICS
Applied to Inorganic Reinforced Cement Board	
Flame Spread:	10
Smoke Developed:	25
Tested as applied at a coverage rate of 200 sq. ft./gal.	
Flash point of liquid adhesive (closed cup) less than -20 F.	
312U	

## CUSTOMER SERVICE: 833-849-3700

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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.**