



85-23

Product Data Sheet

PROPERTIES

COLOR:

Blue

APPLICATION CONSISTENCY:

Spray, Brush, Roller

WEIGHTS PER U.S. GALLON (ASTM D 1475):

10.5 lbs. (1.25 kg/l)

AVERAGE NON-VOLATILE (ASTM 1644):

20% by volume (18% by weight)

COVERAGE RATE (FSTM 72):

(Subject to type of surface and nature of material being bonded)

200-600 sq. ft./gal, (4.9 to 14.7 m²/l)

0.008 in. to 0.005 in. wet film thickness

(0.2 mm to 0.13 mm)

BONDING TIME RANGE (FSTM 66):

1 to 10 minutes

SERVICE TEMPERATURE LIMITS (FSTM 70):

(Temperature at coated surface)

-30°F to 200°F (-34°C to 93°C)

WET FLAMMABILITY (ASTM D 93):

No flash to boiling 105°F (40.5°C)

SURFACE BURNING CHARACTERISTICS

(ASTM E 84):

Flame Spread: 10

Smoke Developed: 0

Tested at coverage rate of 450 sq. ft. per gal. (10.5 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.

FOSTER DUCT-FAS® ADHESIVE (NON-FLAMMABLE)



FOSTER DUCT-FAS Adhesive is a blue quick-setting, synthetic elastomeric insulation adhesive. It has been designed for use in attaching low density (up to 3#) duct liner, duct wrap, and fibrous glass insulation to sheet metal. Non-flammable chlorinated solvents eliminate explosion and fire hazards during application.

DUCT-FAS Adhesive has full coverage spray characteristics with little tendency to cobweb when applied with conventional or airless spray equipment. It features extremely fast tack and bond strength development.

DUCT-FAS Adhesive is non-flammable in the wet state and fire resistive when dry. It meets the requirements of ASTM C-916, Type II (ASC-A-7001, Type II).

DUCT-FAS Adhesive meets NFPA 90A and 90B 25/50 requirements.

DUCT-FAS Adhesive is produced under the classification and follow-up service of Underwriter's Laboratories, Inc.

DUCT-FAS Adhesive contains no asbestos, lead, mercury, or mercury compounds.

LIMITATIONS

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

Always test plastic materials for compatibility when using a solvent base product.

Application equipment must not contain aluminum parts.

Not suggested for sealing vapor barrier jackets.

Overhead applications may require mechanical fasteners.

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Specialty Construction Brands, Inc.
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APPLICATION GUIDE FOR FOSTER DUCT-FAS® ADHESIVE 85-23 (NON-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. Apply a uniform coverage of adhesive to one surface at 200-600 sq. ft./gal. (4.9-14.7 m²/l). While the adhesive is still wet, combine substrates with sufficient pressure to insure 100% contact. The solvents in this adhesive will attack polystyrene foam and might attack certain other plastic foams, films, or laminates. The user should determine by prior test that this adhesive may be used with a specific material, and under the application conditions which exist.

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: 3000 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:	0
Tested as applied at a coverage rate of 450 ft ² /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 professional use only. Keep out of reach of children.
Consult Material Safety Data Sheet and container label for further information.**