



97-15

Product Data Sheet

## PROPERTIES

### COLOR

Cream

### APPLICATION CONSISTENCY

Brush, Gob or Notched trowel

### AVERAGE WEIGHTS/U.S. GALLON

10.5 lbs. (1.26 kg/liter)

### AVERAGE NON-VOLATILE

64% by weight

### COVERAGE

(Subject to type of surface and nature of material to be bonded.)

50-200 sq. ft./gal. (1/32" – 1/16" Notched Trowel)  
Depending on porosity and smoothness of the intended surface.

### BONDING TIME RANGE

(Depending upon temperature, humidity, and application rate)

0-30 minutes single surface

30 – 120 minutes as a contact adhesive

### SERVICE TEMPERATURE LIMITS

(Temperature at coated surface)

-20°F (-29°C) to 200°F (60°C)

Applied at 50-100 sq. ft./gal.

With cellular plastic insulations (polystyrene foam etc.) use the manufacturer's maximum service temperature.

### WET FLAMMABILITY (ASTM D 3278)

No flash to boiling. > 200°F

### SURFACE BURNING CHARACTERISTICS

(ASTM E 84):

Flame Spread: 0

Smoke Developed: 0

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.

™ Trademark of H.B. Fuller Construction Products Inc.

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

MADE IN USA

## FOSTER MULTI-PURPOSE ADHESIVE



**FOSTER MULTI-PURPOSE ADHESIVE** is a high tack, rapid-setting waterbase adhesive for bonding polystyrene foam insulations (extruded and beadboard), fibrous glass insulation and PIR/polyurethane boardstock insulations to concrete, masonry, gypsum board, and other porous substrates. It is also ideal for bonding fibrous insulations to painted or unpainted steel, galvanized or aluminum surfaces.

**FOSTER MULTI-PURPOSE ADHESIVE** is a synthetic resin emulsion. The dry film remains flexible and resists moisture and humidity. It is non-flammable in the wet state. The adhesive has a smooth, mastic consistency and can be applied to either the insulation or the substrate. It goes on easily and cleanly using a wide variety of application equipment and methods.

**FOSTER MULTI-PURPOSE ADHESIVE** may also be used to adhere polystyrene and PIR/polyurethane insulation to impermeable surfaces when used as a contact adhesive.

**MULTI-PURPOSE Adhesive** meets requirements for LEED IEQ 4.1 Low-Emitting Materials, Adhesives and Sealants. Theoretical VOC: 0 g/l with no added VOC components. (<50 g/L, less water and exempt solvent analytically determined by EPA Method 24)

**MULTI-PURPOSE Adhesive** contains no asbestos, lead, mercury compounds, per Federal Standards.

### LIMITATIONS

Store and apply between 40°F (4°C) and 100°F (38°C), protect from freezing until dry.

Always test plastic foam insulation for warpage when using a waterbase adhesive.

Overhead applications may require mechanical fasteners.

On rough or uneven surfaces, a thicker application of adhesive may be required in order to assure contact between insulation and substrate. Very rough surfaces should be back-plastered.

When used as a contact adhesive between impermeable materials the adhesive must be allowed to dry on both surfaces before mating to avoid entrapment of water.

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

1105 South Frontenac St ○ Aurora, IL 60504 ○ 800-832-9002 ○ fax 800-942-6856

# APPLICATION GUIDE FOR FOSTER MULTI-PURPOSE ADHESIVE 97-15

## MATERIAL PREPARATION

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

## APPLICATION

Apply Foster Multi-Purpose Adhesive to the selected surface uniformly. While still wet, press the insulation into place making sure that complete contact is made with applied adhesive. When one surface is porous a wet bond application is suggested for best results.

When applying between two impermeable surfaces apply the adhesive to both surfaces or apply to one surface, press insulation in place and then remove the freshly pressed board. Allow sufficient time for the water to evaporate from the adhesive (30 to 120 minutes) on both surfaces. Then reinstall and again firmly press the insulation board into the desired position.

## BRUSH

Use clean equipment suitable for waterbase paints. Do not overwork.

## NOTCHED TROWEL

Use a 1/32" to 3/32" notched trowel depending on porosity and smoothness of the surface. Trowel with firm pressure leaving ridges of adhesive. Before the adhesive skins over, press insulation firmly into place to obtain complete contact.

When using as a contact adhesive trowel the adhesive onto one surface using a 3/32" notched trowel, immediately press the insulation and mating surface together to ensure complete transfer of adhesive to both surfaces ensuring that adhesive ridges are flattened. Remove the insulation from the surface and allow adhesive to flash water (30 to 120 minutes) then press insulation back in place with firm pressure over the entire surface.

## AIRLESS SPRAY

Adhesive may be applied with conventional airless spray equipment. An inductor plate and ram are suggested to maintain adhesive flow into pump. Apply using a 0.017" to 0.025" tip depending on desired application rate.

## CLEAN-UP

To clean up, use warm, soapy water if still wet. When dry, use mineral spirits (flammable) or chlorinated solvent (non-flammable).

	ADHESIVES	
	SURFACE BURNING CHARACTERISTICS	
Applied to Inorganic Reinforced Cement Board		
Flame Spread:		0
Smoke Developed:		0
Tested as applied at a coverage rate of 200 ft <sup>2</sup> /gal		
Flash point of finished adhesive (closed cup) no flash to boiling.		
312U		

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.**