



**97-10**

**Product Data Sheet**

## PROPERTIES

### COLOR

Cream

### APPLICATION CONSISTENCY

Notched trowel

### AVERAGE WEIGHT/U.S. GALLON

10.9 lbs.

### COVERAGE RANGE

(Subject to the nature of material being coated.) Wet coverage shown below is for smooth. Rough or porous surfaces may require higher gallonage.

Approximately 50 - 60 sq. ft. per gallon when applied to FRP paneling with a 3/16"W x 1/4"D x 5/16" V-notched trowel.

Other trowel sizes may be suitable but will affect coverage rates and ability to bridge gaps between the wall and panel.

### OPEN TIME

20-30 minutes

### DRYING TIME

24 to 48 hours

### SERVICE TEMPERATURE LIMITS

0°F to 110°F

### WET FLAMMABILITY

No flash to boiling.

### STORAGE / SHELF LIFE

Store indoors only. Protect from freezing. Adhesive is freeze/thaw stable to 10°F. Prolonged or repeated freeze/thaw cycles should be avoided. Should adhesive freeze, allow to thaw at room temperature and stir well before using. Typical shelf life is one year from date of manufacture in unopened container.

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## FRP ADHESIVE

**FOSTER® FRP Adhesive** is a high strength, solvent free, water based adhesive that is nearly odor free during installation and while drying. It is specifically designed to adhere FRP (fiberglass reinforced plastic) panels and wainscoting to porous surfaces including unpainted gypsum drywall, non-treated plywood, smooth, cured concrete, fiber cement board or masonry.

**FOSTER® FRP Adhesive** is very low VOC and meets VOC content requirements for LEED 2009 low emitting materials. VOC Content: 10 g/l

### LIMITATIONS / PRECAUTIONS

FRP panels will expand and contract with changes in temperature. Always follow the FRP manufacturer's installation instructions for maintaining proper spacing and gaps between panels, walls, ceilings, floors, adjacent substrates and around mechanical fixtures.

Mechanical fasteners are recommended as specified by the FRP panel manufacturer.

Do not bond adjacent substrates such as cove base or tiles to the underlying FRP panel. Allow for free expansion of the panels.

For best results, panels, room, and adhesive should be kept at a minimum of 60°F (15°C) for at least 24 hours before and 48 hours after installation. Maintain a consistent temperature while the adhesive dries.

Do not use below 50°F (10°C).

Condition FRP panels by laying flat for 24 hours prior to installation. Use temporary bracing if necessary to ensure full and constant wall contact while the adhesive fully dries.

**DO NOT APPLY OVER NON-POROUS SURFACES** such as vinyl wall coverings, laminates, or multiple coats of paint (painted surfaces can be non-porous – check for porosity and adhesion) where water entrapment will occur and prevent drying.

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

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# APPLICATION GUIDE FOR 97-10 FRP Adhesive

## MATERIAL PREPARATION

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

## APPLICATION

The substrates must be structurally sound, clean, dry and plumb. Remove all grease, sealers, dirt, dust, wallpaper, etc. prior to the installation of FRP panels. Surface protrusions shall be removed by sanding, scraping or chipping. After sanding, remove all dust by vacuuming. Fill all cracks, holes, cement block mortar joints and minor depressions with a patching compound.

## DIRECTIONS:

1. All panels, room and adhesive should be kept at a minimum of 60°F (15°C ) for 24 hours before and 48-72 hours after installation for best results. Maintain consistent temperatures after installation while the adhesive dries.
2. All fiberglass reinforced plastic panels should be restacked on a solid, flat, dry surface for a minimum of 24 hours, to acclimate panels prior to installation.
3. For best results, cut and pre-fit panels prior to spreading adhesive.
4. Apply BE 210 adhesive evenly to the fiberglass reinforced panel surface using a 3/16"W x 1/4"D x 5/16" V-notched trowel. It is imperative that the adhesive bed be continuous and free of voids or bare spots.
5. Immediately after spreading the adhesive, set the panel into position. Press the panel firmly onto the substrate, working from the center to the outside edges to promote 100% coverage with the adhesive using care to maintain accurate alignment and spacing. Proper installation requires a minimum of 1/32" layer of adhesive between the panel and the substrate, after panel installation.
6. Apply panels within 15-20 minutes after spreading adhesive. Do not install panels after a skin has formed on the adhesive; scrape off dried material and apply fresh adhesive.
7. Follow fiberglass reinforced panel manufacturer's instructions for recommended channel moldings, sealant application and proper spacing. A minimum of 1/8" spacing is required between sheets to allow for normal expansion and contraction. Mechanical fasteners are recommended, as specified by the FRP panel manufacture. Always maintain proper spacing around protrusions and fasteners for expansion and contraction. Failure to maintain spacing may result in bubbling of the panels after installation.
8. Remove adhesive from the face of the panel with warm soapy water. Dried adhesive must be removed with mineral spirits.
9. When a fiberglass reinforced plastic paneling application is to be made over concrete or masonry walls ensure that the concrete has achieved a full 28 day cure cycle and excess alkali, moisture and water pressure have not built up in, or behind the wall. Do not apply to exterior below grade walls.
10. Typical set time is 24-48 hours. Colder temperatures and/or high humidity will extend set times.



## CLEAN-UP

Use soapy water if still wet (do not use hot water). When dry, use mineral spirits (flammable).

## CUSTOMER SERVICE: (800) 832-9002

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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.**