

Premium  
**FRP**  
FIBER REINFORCED POLYMER

**STRONGER  
THAN  
Polyurethanes**

- Non-Sag**
- Clear/Paintable**
- Waterproof**
- Non-Flammable**

**Fiber Reinforced Polymer (FRP) Premium Column Adhesive** is a unique non-sag adhesive, formulated for use in the installation of split columns, capitals, and bases. FRP can be used on Fiber Reinforced Polymer, Polyurethane Foam, Wood, Glass Fiber Reinforced Concrete, and Stone. This formula will not sag, drip or run and can be used in applications requiring vertical and horizontal hold. FRP will bond in cold temperatures (-40 °F/-40 °C), and has good resistance to high temperatures (180 °F/82 °C) after full cure. The clear formula can be sanded with a dustless sander\* and painted after it has cured. FRP is impervious to water after curing.

\*use a vacuum-assisted sander after full cure.



### **Applications**

- Home
- School
- Office buildings
- Apartment buildings
- Cemeteries
- Interior/Exterior
- Court house buildings



### Strength Test

ADHESIVE	FRP Split Columns (non-load bearing columns)	Polyurethane Foam (capital material)
FRP Premium Column Adhesive	43	54
PL Polyurethane*	21	19
PL-400 Construction Adhesive*	36	25

180° Peel Test based on ASTM D 903 - November, 2007  
 Avg. Max. Load Measured in Lb. F/in. (pounds per square inch)  
 \*Competitor products

## Split Column Assembly with the use of FRP Premium Column Adhesive



See 2.



See 4.



See 5.

1. Unpackage and position column components following manufacturer's recommendations.
2. For highest bond strength, wipe down mating column surfaces with acetone or naphtha to ensure complete removal of release agent/dust.
3. Product can be used between 50 and 90 °F /10 and 32 °C. Cure time increases with lower temperatures.
4. Apply a continuous bead of adhesive to each surface to be joined and clamp column halves together following manufacturer's directions. **Note:** While FRP Premium Column Adhesive will bond properly with extended open time, it is best to proceed immediately from glue-up to assembly, whereby a generous amount of adhesive is forced out of the seam during assembly. This will later aid in the sanding/finishing process.
5. Excessive adhesive squeeze-out (more than a 1/4" bead) may be scraped or troweled away prior to curing. Being careful not to remove too much and cause additional joint-fairing during final finishing. Allow a minimum of 24 hours for adhesive curing (extend curing time to 72 hours in low-temperature conditions).
6. Sand off squeeze-out with a vacuum-assisted (dustless) sander, 150 grit paper, and appropriate personal protective equipment. Some manufacturers recommend an overall column sanding in preparation for primer/paint using 80-100 grit paper. This would also work for the finishing of the seam IF a fairing step (Bondo/auto body filler) is to be used. **Note:** In applications where columns will be painted directly (no filler step) it is advisable to utilize 120-150 grit paper for improved finished appearance (seam may still be evident after painting).

Prime/Paint column following manufacturer's instructions.



**Fiber Reinforced Polymer, Polyurethane Foam, Wood, Glass Fiber Reinforced Concrete and Stone.**

FRP Premium Column Adhesive will withstand temperatures from -40 to 180 °F /-40 to 82 °C after full cure.

### FRP Premium Column Adhesive Ordering Information

Individual Size	Sales Part	Item UPC	Case Barcode	Case Pack	Case Weight	Case Dimensions (H x W x D in inches)	Case Cube
10.2 oz. (302 mL)	252012	0 76818-52012 2	2 00 76818-5201 2	12	12.90 lbs.	11.50 x 6.00 x 8.00	.32 ft <sup>3</sup>