

# TITEBOND® SOLVENT BASED FRP ADHESIVE

## PHYSICAL PROPERTIES

**Type:** Synthetic elastomeric polymer and resins  
**State:** Light viscosity mastic  
**Color:** Tan  
**Solids:** 80%  
**Viscosity:** 120,000 cps

**Calculated VOC (less water):** 247 g/L (4% wt.)  
**Weight/gallon:** 10.6 lbs.  
**Flashpoint:** Less than 0°F.  
**Freeze/thaw stability:** Will not freeze  
**Storage life:** 12 months in tightly closed containers at 75°F.

## APPLICATION GUIDELINES



3/16" wide, 1/4" deep,  
1/2" center to center

**Application temperature:** Above 50°F. for adhesive and substrates

**Service temperatures:** -20°F. to 150°F.

**Working time** 30 minutes (70°F./50%RH)

**Coverage** Approximately 50 sq. ft./gallon

**Method of application** Trowel or cartridge/caulking gun (Certain in-plant applications might also utilize extrusion.) Cutting, piecing and trimming should be done before applying mastic. Apply mastic to back of panel being installed. In trowel applications, a notched spreader with notches at least 3/16" wide, 1/4" deep, 1/2" center to center is recommended to insure adequate coverage. Maintain proper notch size by cleaning spreader frequently and by filing notches to proper depths after wear. (Too little adhesive will result in a poor bond.) For cartridge application, apply continuous bead around perimeter and 12" centers. Warped panels or out-of-plumb wall surfaces may have to be shored or braced for 6 to 8 hours until the adhesive has acquired initial set. NOTE: If panels are subjected to large temperature changes, a troweled application is recommended.

**Cleanup** Scrape off dried excess with a putty knife. Remove residue with mineral spirits or equivalent solvent. Follow solvent vendor's precautions when using solvents. NOTE: Test solvent on an out-of-the-way area to make sure it will not affect the surface being cleaned.

## PRODUCT FEATURES

- Ideal for treated plywood, hardboard and gypsum wallboard and FRP
- Unaffected by moisture and high humidity
- Easily troweled – long open time
- Will not become hard or brittle

## CAUTION STATEMENT

**DANGER: EXTREMELY FLAMMABLE. VAPOR HARMFUL.** Contains hexane. Keep away from heat, sparks and flame. Use only with positive cross-ventilation. Avoid breathing vapors. Do not swallow. Do not allow eye contact or prolonged skin contact. Uncured product can cause eye or skin irritation. Prolonged or repeated overexposure to solvent in uncured product can cause central nervous system, eye, skin or respiratory system effects. **First Aid:** If dizziness or other adverse effects are experienced, move to fresh air; contact physician if discomfort persists. If swallowed, do not induce vomiting; contact physician immediately. If eye contact occurs, flush with water for 15 minutes; contact physician immediately. Wash skin contact areas with soap and water; contact physician if irritation persists. For additional information, refer to Material Safety Data Sheet. **KEEP OUT OF THE REACH OF CHILDREN.**

**WARNING:** This product contains small amounts of toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.

## ORDERING INFORMATION

Cat. No.	Size	Units per Package	Weight	Packages per Pallet
3222	29 oz. Cartridge	12	32	38
3227	5 Gallon Metal Pail	1	56	36

**Important Notice:** Our recommendations, if any, for the use of this product are based on tests believed to be reliable. Since the use of this product is beyond the control of the manufacturer, no guarantee or warranty, expressed or implied, is made as to such use or effects incidental to such use, handling or possession or the results to be obtained, whether in accordance with the directions or claimed so to be. The manufacturer expressly disclaims responsibility therefore. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing laws and/or patents covering any material or use.

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