

**COMPLIANT  
LEED v4.1**

**Bonds Virtually Any Material**

# ADVANCED POLYMER

## Panel Adhesive

**Titebond® Ultimate Advanced Polymer Panel Construction Adhesive is a high performance, professional strength advanced polymer adhesive specifically formulated to be used for most types of paneling installations. It has fast grab, a rapid cure rate, trowels easily, is moisture, mold and mildew resistant and contains no water. This adhesive provides as much strength in four hours as urethane or solvent-based counterparts do in 24 hours. Its ultra-quick speed development enables contractors to install virtually any type of paneling on porous or non-porous substrates without fasteners. This VOC-compliant, nonflammable formula is environmentally safe – emitting no harmful fumes and promoting healthy living and working environments.**

### Recommended For

Installing FRP (fiber-reinforced plastic), plastic laminate, wainscoting and other wall coverings over many common porous and non-porous surfaces.

### Specifications & Certifications

Meets LEED v4.1, SCAQMD, CARB, ASTM C557 and NAHB Green Building specifications.

### Compatible Materials

Common panel-type surfaces such as FRP (fiber reinforced plastic), wood, foamboard, plastic, laminate, plywood (treated, fire rated and pressure treated), tub surrounds, metal (galvanized and stainless steel), concrete, vinyl, PVC, painted surfaces, treated and untreated drywall and most other types of common porous and non-porous building materials.



## ULTIMATE

**Environmentally safe**

**Fast strength development**

**Nonflammable**

**Moisture, mold & mildew resistant**

**Achieves NFPA Class A fire rating**

**Bonds non-porous materials**

**Strong, fast grab**

**Water resistant**

**No offensive odor**

**VOC-compliant**

**Titebond®**  
**THE PRO'S ADVANTAGE**

## Ordering/Sku Information

Size	Part Number	UPC	Case UPC	Weight	Units Per Package	Packages Per Pallet
3.5 Gallon Pail	4319	037083043198	N/A	42.79 lbs.	1	36
6 - 1/2 Gallon Pouches	4315	037083043150	10037083043157	55.31 lbs.	6	36

## Technical Information

- **Application Temperature:** Over 50°F and below 90°F for adhesive and substrates (can be applied down to 0°F, but reduces drying speed)
- **Service Temperature:** -40°F to 220°F
- **Working Time:** 20 minutes at 70°F
- **Coverage:** 60 sq. ft. per gallon

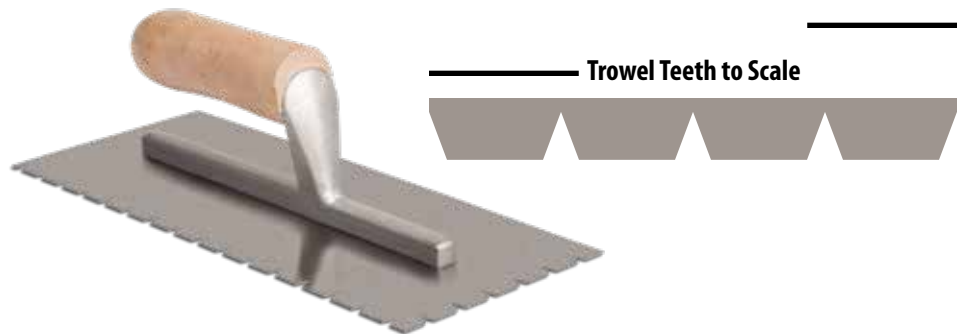
## Physical Properties

- **Type:** Polyether
- **State:** Low viscosity mastic
- **Color:** White
- **Solids:** 100%
- **Viscosity:** 125,000 cps
- **VOC:** < 50 g/L
- **Flashpoint:** > 200°F
- **Freeze/Thaw Stability:**  
Not affected by freezing
- **Storage Life:** 12 months in unopened container above 50°F
- **Odor:** Ester (slight)

## Directions

**PREP:** Surfaces must be free of any material that may deter adhesion, including severe and thick amounts of drywall joint compound. Patch holes and depressions and remove any bumps, high spots, dust, oil, and grease. Cut and pre-fit all panels. Lay panels flat and let them acclimate to room temperature 24 hours before installing. **Note:** Best results when adhesive and materials are used above 50°F.

**APPLICATION:** Spread adhesive over entire back of panel, using a V-notch trowel with notches 3/16" wide x 1/4" deep x 11/16" center to center (or 1/2" space).



Keep trowel notches clean and free of adhesive build-up to ensure proper application. Place panel against surface and press firmly over entire surface, working from the edge of the panel where molding is installed outwards to the open edge. Using a roller over the entire installed wall panel is also recommended. **Note:** Bracing may be required if walls or panels are not flat. Panels used in conjunction with channel moldings should **NOT** fit tightly into the moldings. Leave a small area in the molding for expansion and follow panel manufacturer's recommendations. Any holes drilled through the panels for fasteners, pipes or conduits should be oversized to allow for natural movement of the panel. Spread no more adhesive than can be installed in 20 minutes or less.

**CLEANUP:** It is important to cleanup adhesive immediately while still wet. To clean adhesive from panel, tools and hands while wet, use Titebond Adhesive Remover Cleaning Wipes, isopropyl alcohol or acetone as a solvent. Once adhesive has cured, it can be extremely difficult to remove. Follow solvent vendor's precautions.

## User Tips

Before installation, it is important to wipe down all metals with acetone if an oily residue is present, as this can deter adhesion. When bonding two non-porous substrates together, particularly in low humidity climates, it is recommended to lightly mist the wall substrate with water just before applying panel. Panels that do not lay flat or are heavier in weight may require at least 24 hours of blocking and bracing or permanent mechanical fasteners. If applying adhesive over painted, plastered, or seal coated surfaces, please contact Technical Service at 1.800.347.4583.

# ULTIMATE

Visit [Titebond.com](http://Titebond.com) for the most up-to-date product information.

**Franklin International**



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# Titebond®

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