



# PROVANTAGE HEAVY DUTY CONSTRUCTION ADHESIVE

Titebond PROvantage Heavy Duty Construction Adhesive is a premium-grade formula designed for more demanding construction and repair projects. It provides strong grab, fills gaps and irregularities and will remain permanently flexible. This professional strength formula will bond to most common building materials. It is covered under the **50 Year Gold Subfloor Warranty** against subfloor squeaks and pops. When compared to competitive heavy duty adhesives, Titebond PROvantage Heavy Duty is the best choice for extreme temperatures.



## Features & Benefits

### **Best choice for extreme temperatures**

**Recommended For:** Demanding interior/exterior construction, installation and repair projects.

**Compatible Materials:** Common building materials including wood, metal, brick, marble, ceramic tile, concrete, drywall, wood, OSB, particleboard and wet, frozen and treated lumber.

### **Durable strength for demanding projects**

### **VOC-compliant solvent**

Waterproof

Superior strength

Extrudes 0°F - 100°F

Bonds heaviest materials

Fast initial grab

Exceptional durability

# Specifications & Certifications

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Exceeds the requirements of APA AFG-01, ASTM D3498 and ASTM C557.

## Application Guidelines

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**Application Temperature:** 0°F to 100°F  
**Service Temperature Range:** -20°F to 120°F  
**Working Time:** Approximately 15 minutes for a 1/4" bead  
**Prep:** Surfaces must be clean and free of any material that may prevent adequate adhesion.  
**Application:** Cut tip on slant for 1/4" to 3/8" bead. For subfloors, cut tip straight across. Puncture inner seal and place in cartridge gun. Apply adhesive to one of the surfaces in either a continuous or spot bead. Adhere materials within 15 minutes. Press surfaces firmly together with a slight twisting motion. Certain large applications may require additional bracing until adhesive has dried. **Note:** For subfloors, apply adhesive to joists for one sheet at a time. Nail or screw each sheet as recommended by the American Plywood Association.  
**Cleanup:** Tools and adhesive may be cleaned with acetone or mineral spirits. Follow solvent vendor's precautions.

## Coverage

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| Size             | 1/8" Bead | 1/4" Bead | 3/8" Bead | 1/2" Bead |
|------------------|-----------|-----------|-----------|-----------|
| 10 Oz. Cartridge | 129 ft.   | 30 ft.    | 14 ft.    | 8 ft.     |
| 28 Oz. Cartridge | 355 ft.   | 86 ft.    | 39 ft.    | 21 ft.    |

## Physical Properties

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**Type:** Proprietary synthetic polymer  
**State:** Thixotropic medium-viscosity mastic  
**Color:** Brown  
**Solids:** 66%  
**Viscosity:** 160,000 cps

**VOC:** < 50 g/L  
**Weight Per Gallon:** 10.6 lbs.  
**Flashpoint:** < 0°F  
**Freeze / Thaw Stability:** Will not freeze  
**Storage Life:** 18 months in tightly closed containers at 75°F  
**Odor:** Solvent

## Limitations

Not designed for continuous submersion or for use on plastics, polystyrene or polyethylene foams. Do not adhere one non-porous material to another since this will slow or prevent drying.

## Product SKUs

| Part Number | UPC          | Case UPC       | Size             | Weight | Units Per Package | Packages Per Pallet |
|-------------|--------------|----------------|------------------|--------|-------------------|---------------------|
| 5251        | 037083052510 | 10037083052517 | 10 Oz. Cartridge | 11.68  | 12                | 108                 |
| 5252        | 037083052527 | 10037083052524 | 28 Oz. Cartridge | 30.85  | 12                | 44                  |

## Warranty Statement

Titebond PROvantage Heavy Duty Adhesive is covered by our **Gold Total Performance Guarantee for Subfloors.**

Learn about all the products included in the industry's **Best Subfloor Adhesive Warranty.**

**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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