

# TITEBOND® III ULTIMATE WOOD GLUE

## PHYSICAL PROPERTIES (TYPICAL)

**Type** Advanced Proprietary Polymer  
**State** Liquid  
**Color** Tan  
**Dried film** Light Brown  
**Solids** 52%  
**Viscosity** 4,200 cps  
**pH** 2.5

**Calculated VOC** (less water): 5.6 g/L  
**Weight/gallon** 9.22 lbs.  
**Chalk temperature\*** Approx. 47°F.  
**Flashpoint** >200°F.  
**Freeze/thaw stability** Stable  
**Storage life** 12 months in tightly closed containers at 75°F.

\*Chalk temperature indicates the lowest recommended temperature at which the glue, air and materials can be during application, to assure a good bond.

## APPLICATION GUIDELINES

**Application temperature** Above 47°F.  
**Assembly time after glue application** 10 minutes (70°F./50%RH)  
**Minimum required spread** 40 lbs. per 1,000 square feet  
**Required clamping pressure** Enough to bring joints tightly together (generally, 100-150 psi for softwoods, 125-175 psi for medium woods and 175-250 psi for hardwoods)  
**Methods of application** Plastic bottles for fine applications; glue may also be spread with a roller spreader or brush.  
**Cleanup** Damp cloth while glue is wet. Scrape off dried excess.

## BOND STRENGTH ASTM D-905 (ON HARD MAPLE)

Temperature	Strength psi	% wood failure
Room Temperature	4,000	57

## PRODUCT FEATURES

- Passes ANSI/HPVA Type I water-resistance
- Waterproof formula that cleans up with water
- Superior strength - strong initial tack
- Designed for interior and exterior applications
- Longer open assembly time
- Lower application temperature
- Unaffected by finishes
- FDA approved for indirect food contact
- Conforms to ASTM D-4236

## LIMITATIONS

Not for continuous submersion or for use below the waterline. Not for structural or load bearing applications. Use when temperature, glue and materials are above 45°F. Store product below 75°F. Storage above this temperature may cause product to thicken and reduce the usable shelf life. If thickened, shake vigorously by firmly tapping bottle on a hard surface until product is restored to original form. Because of variances in the surfaces of treated lumber, it is a good idea to test for adhesion. KEEP FROM FREEZING.  
**KEEP OUT OF THE REACH OF CHILDREN.**

## ORDERING INFORMATION

Cat. No.	Size	Units per Package	Weight	Packages per Pallet
1412	4 oz. Bottle	12	5	270
1413	8 oz. Bottle	12	8	160
1414	16 oz. Bottle	12	16	100
1415	Quart Bottle	6	16	88
1416	Gallon Jug	2	20	63
1417	5 Gallon Plastic Pail	1	52	24
1418	55 Gallon Drum	1	559	4

Patent Pending

**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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