



## TITEBOND II EXTEND WOOD GLUE

Titebond II Extend Wood Glue combines weatherproof performance (ANSI Type II water-resistance) with a slower speed of set. It is ideal for exterior applications that involve more complex assemblies. It also provides a translucent glue line, offers excellent sandability and is unaffected by finishes. Titebond II Extend offers superior performance on all common wood species, particleboard, MDF, plywood and other porous materials. In addition, it is compatible for use with Hot Press and radio frequency (R-F) gluing systems.



### Features & Benefits

- Passes Type II water-resistance testing
- Slower speed of set - Longer open time
- Hot press and R-F compatible
- Solvent-resistant
- Excellent sandability

### Application Guidelines

- Application Temperature:** Above 60°F
- Open Assembly Time:** 15 minutes (70°F./50% RH)
- Total Assembly Time:** 20-25 minutes (70°F./50%RH)

**Minimum Required Spread** : Approximately 6 mils or 250 square feet per gallon  
**Required Clamping Pressure**: Enough to bring joints tightly together (generally, 30-80 psi for HPL, 100-150 psi for softwoods, 125-175 psi for medium woods and 175-250 psi for hardwoods)  
**Method of Application**: Easily spread with a roller spreader or brush, or may be transferred to plastic bottles for finer gluing applications.  
**Cleanup**: Damp cloth while glue is wet. Scrape off and sand dried excess.

## Bond Strength ASTM D-905 (On Hard Maple)

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Room Temperature	3,844 psi	48%
150°F. Overnight	1,820 psi	6%

## Physical Properties

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**Type**: Modified cross-linking PVA emulsion

**Calculated VOC**: 3.8 g/L

**State**: Liquid

**Weight Per Gallon**: 9.3 lbs.

**Color**: Off White

**Dried Film**: Cream

**Flashpoint**: > 200°F

**Solids**: 49%

**Freeze / Thaw Stability**: Stable

**Viscosity**: 3,500 cps

**pH** : 3.0

**Chalk Temperature**: To assure a good bond, 60°F is the lowest recommended temperature of the glue, air and materials during application.

**Storage Life**: 12 months in tightly closed containers at 70°F

## Limitations

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Titebond II Extend Wood Glue is not for continuous submersion or for use below the waterline. Not for structural or load bearing applications. Do not use when temperature, glue or materials are below 60°F. Due to low pH, product may cause corrosion on metal surfaces, test product

before using where rusting/corrosion may be of concern. Freezing may not affect the function of the product but may cause it to thicken. If product appears to have settled, stir to ensure uniformity. Because of variances in the surface of treated lumber, it is a good idea to test for adhesion. For best results gluing exotic or oily woods, such as Ipe and Teak, please contact our Technical Support Team at 1-800-347-4583. Read MSDS before use. NOTE: STIR PRODUCT BEFORE USE TO ENSURE UNIFORMITY. KEEP FROM FREEZING.

## Product SKUs

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4134	037083041347	10037083041344	16 Oz. Bottle	14.40	12	100
4136	037083041361	10037083041368	Gallon Jug	18.53	2	63
4137	037083041378		5 Gallon Pail	46.49	1	24
4138			55 Gallon Drum	519.05	1	4

**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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