

Titebond® II Premium Wood Glue

Titebond II Premium Wood Glue is the only leading brand, one-part wood glue that passes the ANSI Type II water-resistance specification. It is ideal for exterior woodworking projects, including outdoor furniture, birdhouses, mailboxes, planters and picnic tables.



Titebond II Premium provides a strong initial tack, fast speed of set, superior strength and excellent sandability. It is FDA approved for indirect food contact (cutting boards) and is ideal for radio frequency (R-F) gluing systems.

MSDS

- [5001 - 1.25 oz. Bottle](#)
- [5002 - 4 oz. Bottle](#)
- [5003 - 8 oz. Bottle](#)
- [5004 - 16 oz. Bottle](#)
- [5005 - Quart Bottle](#)
- [5006 - Gallon Bottle](#)
- [5007 - 5 Gallon Pail](#)
- [5008 - 55 Gallon Drum](#)

MSDS

Product Guide

View PDF



Physical Properties (Typical)

Type Cross-linking polyvinyl acetate

State Liquid

Color Honey cream

Dried film Translucent, yellow

Solids 48%

Viscosity 4,000 cps

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.

Calculated VOC: 5.5 g/L

Weight/gallon 9.1 lbs.

Chalk temperature* Approx. 55°F.

Flashpoint >200°F.

Freeze/thaw stability Stable

pH 3.0

Application Guidelines

Application temperature Above 55°F.

Open assembly time 5 minutes (70°F./50%RH)

Total assembly time 10-15 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, 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 and sand dried excess.

Bond Strength ASTM D-905 (On Hard Maple)

Temperature	Strength psi	% Wood Failure
Room Temperature 150°F. Overnight	3,750 1,750	72 6

Product Features

- **First one-part wood glue to pass ANSI Type II water-resistance**
- **Designed for exterior use**
- **Excellent sandability**
- **Unaffected by finishes**
- **Ideal for radio frequency (R-F) and hot press gluing systems**
- **FDA approved for indirect food contact**

- Easy cleanup with water

Limitations

Titebond II Premium 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 55°F. Freezing may not affect the function of the product but may cause it to thicken. Agitation should restore product to original form. Because of variances in the surfaces of treated lumber, it is a good idea to test for adhesion. Read MSDS before use. **KEEP FROM FREEZING. KEEP OUT OF THE REACH OF CHILDREN.**

Caution Statement

No caution information is needed. Please refer to the Material Safety Data Sheet for further information.

Ordering Information

Cat. No.	Size	Units per Package	Weight	Packages per Pallet
5001	1.25 oz. Bottle	50	6	160
5002	4 oz. Bottle	12	5	270
5003	8 oz. Bottle	12	9	160
5004	16 oz. Bottle	12	16	100
5005	Quart Bottle	6	16	88
5006	Gallon Bottle	2	20	63
5007	5 Gallon Pail	1	51	24
5008	55 Gallon Drum	1	551	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.