

## 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.

Conforms to ASTM D-4236



### Product Features

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

### Physical Properties

**Type** Cross-linking polyvinyl acetate

**State** Liquid

**Color** Honey cream

**Dried Film** Translucent, yellow

**Freeze/thaw Stability** Stable

**Viscosity** 4,000 cps

**Storage Life** 24 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** 3.0 g/L

**Weight Per Gallon** 9.1 lbs.

**Chalk Temperature** \* Approximately 55°F.

**Solids** 48%

**Flashpoint** > 200°F.

**pH** 3.0

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

#### Temperature

Room Temperature

150°F. Overnight

#### Strength

3,750 psi

1,750 psi

#### Wood Failure

72%

6%

### Application Guidelines

**Application Temperature** Above 55°F.

**Open Assembly Time** 3-5 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)

**Method 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.

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## 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. 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. 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. 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. **KEEP FROM FREEZING. KEEP OUT OF THE REACH OF CHILDREN.**

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## Caution Statements

**CAUTION: EYE AND SKIN IRRITANT.** Contains aluminum chloride. Do not swallow. Do not allow eye contact or prolonged skin contact. **FIRST AID:** If swallowed, do not induce vomiting; contact physician. If eye contact occurs, flush with water for 15 minutes. Wash skin contact areas with soap and water. If irritation from eye or skin contact persists, contact physician. For additional information, refer to Safety Data Sheet. **KEEP OUT OF THE REACH OF CHILDREN.**

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