



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.



Product Features

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

Physical Properties

Calculated VOC 3.8 g/L

Weight/gallon 9.3 lbs.

Chalk temperature Approximately 60°F.

Flashpoint > 200°F.

Freeze/thaw stability Stable

pH 3.0

State Liquid

Color Off White

Dried Film Cream

Solids 49%

Viscosity 3,500 cps

Storage life 12 months in tightly closed containers at 70°F.

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

Bond Strength ASTM D-905 (On Hard Maple)

Temperature

Room Temperature

150°F. Overnight

Strength

3,844 psi

1,820 psi

Wood Failure

48%

6%

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.

Limitations

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. 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.

Caution Statements

CAUTION: EYE AND SKIN IRRITANT. Contains urea. 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 Material Safety Data Sheet. **KEEP OUT OF THE REACH OF CHILDREN.**

Ordering Information

Part No.	Size	Weight	UPC	Case UPC	Units Per Package	Packages Per Pallet
4134	16 Oz. Bottle	14.40	037083041347	10037083041344	12	100
4136	Gallon Jug	18.53	037083041361	10037083041368	2	63
4137	5 Gallon Pail	46.49	037083041378		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.

2020 Bruck Street, Columbus, Ohio 43207
 CUSTOMER SERVICE 1-800-669-4583
 TECH SERVICE 1-800-347-4583
 www.titebond.com

Franklin International