

TITEBOND® II EXTEND WOOD GLUE

PHYSICAL PROPERTIES (TYPICAL)

Type Cross-linking polyvinyl acetate emulsion
State Liquid
Color Off White
Dried film Cream
Solids 48-50%
Viscosity 3,000-4,000 cps
pH 2.5-3.5

Calculated VOC: 3.0 g/L
Weight/gallon 9.3 lbs.
Chalk temperature* Approx. 60°F.
Flashpoint >200°F.
Freeze/thaw stability Stable
Storage life 6 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.

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)
Methods 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)

Temperature	Strength psi	% wood failure
Room Temperature	3,844	48
150°F. overnight	1,820	6

PRODUCT FEATURES

- **Passes Type II water-resistance testing**
- **Slower speed of set—longer open time**
- **Hot press and R-F compatible**
- **Longer working time for intricate assemblies**
- **Excellent sandability**

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. Agitation should restore product to original form. Because of variances in the surface of treated lumber, it is a good idea to test for adhesion. Read MSDS before use. NOTE: STIR PRODUCT BEFORE USE TO ENSURE UNIFORMITY. KEEP FROM FREEZING.

ORDERING INFORMATION

Cat. No.	Size	Units per Package	Weight	Packages per Pallet
4134	16 oz. Bottle	12	16	100
4136	Gallon Bottle	2	20	63
4137	5 Gallon Plastic Pail	1	51	24
4138	55 Gallon Drum	1	532	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-GLUE
www.titebond.com

Franklin International

© 2007 Franklin International. All rights reserved. (Rev. 01/07)