Titebond® III Ultimate Wood Glue

An advanced proprietary technology that offers the best possible performance in woodworking glues. This waterproof formula passes the ANSI/HPVA Type I water-resistance specification and offers superior bond strength, longer open assembly time and lower application temperature. Titebond III Ultimate Wood Glue is non-toxic, solvent free and cleans up with water – safer to use than traditional waterproof wood glues. It provides strong initial tack, sands easily without softening and is FDA approved for indirect food contact (cutting boards). Titebond III is the ultimate in wood glues – ideal for both interior and exterior applications.

Titebond® Original Wood Glue

The industry standard for general woodworking, this original aliphatic-resin glue has been the professional's choice for over 50 years. It provides strong initial tack and fast speed of set to reduce clamp time. Titebond Original Wood Glue develops bonds stronger than the wood itself, offers excellent sandability and is unaffected by finishes. It provides superior resistance to heat, solvents and mildew, and is ideal for hardwoods, softwoods and most other porous materials. It is easy to use, non-toxic, solvent free and cleans up with water.

Titebond® II Premium Wood Glue

The first leading brand, one-part PVA wood glue to pass the ANSI/HPVA Type II water-resistance specification. Titebond II Premium Wood Glue is ideal for exterior woodworking projects, including outdoor furniture, birdhouses, planters, mailboxes and picnic tables. It offers strong initial tack, outstanding bond strength, fast speed of set and excellent sandability. Titebond II Premium Wood Glue is FDA approved for indirect food contact (cutting boards) and is ideal for radio-frequency (R-F) gluing systems. It is non-toxic, solvent free and cleans up with water. This formula is also available as Titebond II Dark Wood Glue, a dyed version for use with darker woods.

Questions & Answers

What Is The Difference Between Type I & Type II Water-resistance?
Both of these tests are conducted using 6" x 6" birch laminates glued together to make three-ply plywood. The test for Type I is clearly more stringent than Type II, and involves boiling the glue bonds and testing the specimens while they are wet.

Type I testing involves cutting the 6" X 6" assemblies into 1" x 3" specimens, boiling them for 4 hours, then baking the specimens in a 145°F oven for 20 hours. They are boiled for an additional 4 hours, then immediately cooled using running water. The specimens are then sheared while still wet, and the bond must pass certain strength and wood failure requirements to pass the Type I specification.

Type II testing involves cutting the 6" X 6" assemblies into 2" x 5" specimens, soaking them for 4 hours, then baking the specimens in a 120°F oven for 19 hours. This is repeated for a total of three cycles, and the bond must not delaminate to pass the Type II specification.

Are Titebond Glues Safe To Use?
Yes. Titebond Wood Glues are non-toxic, solvent free and produce no harmful fumes. Titebond III Ultimate and Titebond II Premium Wood Glues have even been approved for indirect food contact. We do recommend wearing gloves when working with Titebond Polyurethane Glue; not only will it stain your skin, but repeated use of the product without gloves increases your exposure. This could cause irritation or lead to a sensitivity to those types of products.

How Do I Clean Up Wet Glue Or Remove Dried Glue?
For most of our wood glues, it is often best to use a damp cloth and remove excess glue before it has dried. After the glue has dried, scraping or sanding works well. When wet, Titebond Polyurethane Glue may be removed with acetone, but it is much easier to chip off the foam after the glue has cured.

Is It Possible To Dye Titebond Wood Glues A Different Color?
Yes. It is possible to change the color of most Titebond Wood Glues by adding aniline-based dyes. Call Technical Service at 1-800-347-4583 for more information.

Can Titebond Wood Glues Be Used After They Have Been Frozen?
Yes. While freezing is not recommended, extensive testing indicates that the glues can be frozen and thawed up to five times without compromising performance. If your glue has been frozen, let it acclimate to room temperature and shake/stir to original form.

What Is The Shelf Life Of Titebond Wood Glues?
Please refer to chart below. Although some of our glues last well beyond two years, the freshest material provides the best results. If the glue has thickened, shake/stir to original form. To determine the age of the glue, check the lot number located on the bottle.

How Do I Read The Lot Numbers?
Our current lot numbering system is a 10 digit code. The format is: aymmddbat#. The "a" stands for Made in the U.S.A. The "y" is the last digit of the year of manufacture. Digits "mm" represent the month, and "dd" represent the day of the month. The final four digits represent the batch number used for quality control purposes. Therefore, a product with the lot number A104270023 was manufactured on April 27, 2011.

What Happens If The Glue Tip Becomes Clogged?
Remove the cap from the glue bottle and pull up on the transparent tip until it snaps off. Clean both the colored cap and the transparent tip using warm water. Once cleaned, snap the transparent tip back onto the colored base and screw the cap back onto the glue bottle.

Can Titebond Wood Glues Be Thinned?
Yes. Most of our wood glues can be thinned with water up to 5% by weight or volume. Adding more than 5% water to our glues could negatively affect the bond strength. Titebond Polyurethane and Titebond Liquid Hide Glues can be thinned by carefully heating the bottle in a pan of warm water.

How Do I Obtain A Material Safety Data Sheet?
Visit www.titebond.com or call Technical Service at 1-800-347-4583.

PRODUCTS	TYPE	STRENGTH +	CHALK TEMP	SHELF LIFE	DRIED FILM	CLEANUP	VOC	OPEN/CLOSED ASSEMBLY TIME
Titebond III Ultimate	Proprietary Polymer	4,000 psi	47°F	2 years	Light Brown	$	5.6 g/L	10/15 minutes
Titebond II Premium	Cross-linking PVA	3,750 psi	55°F	2 years	Yellow	$	5.5 g/L	5/10 minutes
Titebond Original	Aliphatic Resin	3,650 psi	50°F	2 years	Yellow	$	10.7 g/L	5/10 minutes