



LEADERSHIP

HISTORY OF SOLUTIONS FUTURE OF COMMITMENT

For over 80 years, we have been the industry leader in bonding wood and wood products. Our strong tradition and professional acceptance has been built on unsurpassed product quality, technical expertise and personalized solutions.

Today, the Titebond brand offers the most comprehensive line of water-based glues for woodworking applications.

- 20+ unique, high-quality formulas designed for superior performance and application
- Proprietary technology driven by extensive research and vertical integration



ONE BRAND MULTIPLE SOLUTIONS

Novice woodworkers, serious hobbyists and professional craftsmen demand performance, consistency, reliability and value.

- Same high-quality formulas for all product sizes, from 4 oz bottles to 52 gallon drums
- Unique solutions for dark woods, vertical applications and more complex assemblies
- Expert technical advice - 1.800.347.GLUE (4583)

CONSUMER WOOD GLUES

LEADERSHIP PERFORMANCE INNOVATION SOLUTIONS



INNOVATION

CUSTOMER-DRIVEN PRACTICAL APPLICATIONS

We dedicate significant resources to optimize existing product formulas and evaluate new technologies. Our long-standing commitment to research and development continues to bring innovative products to the market.

INDUSTRY FIRSTS

- Hide glue in ready-to-use, liquid form
- Aliphatic resin glue for woodworking
- One-part PVA glue to pass ANSI/HPVA Type II water-resistance
- One-part PVA glue to pass ANSI/HPVA Type I water-resistance

SUPERIOR PERFORMANCE WITHOUT COMPROMISE

Not all wood glues are the same. We develop and manufacture the base polymers which are the backbone of our products. Plus, our quality control and manufacturing processes ensure the BEST wood glue for your project.

ONE BRAND MULTIPLE SOLUTIONS

Novice woodworkers, serious hobbyists and professional craftsmen demand performance, consistency, reliability and value.

- Same high-quality formulas for all product sizes, from 4 oz bottles to 52 gallon drums
- Unique solutions for dark woods, vertical applications and more complex assemblies
- Expert technical advice - 1.800.347.GLUE (4583)

PREFERRED BY PROS



FAQ

COMMON QUESTIONS TRUSTED ANSWERS

What Are The Differences Between Titebond's Top 3 Wood Glues?

	Titebond III	Titebond II	Titebond Original
STRENGTH*	4,000 psi	3,750 psi	3,600 psi
OPEN TIME	8-10 min	3-5 min	4-6 min
CHALK TEMP	45°F	55°F	50°F
VISCOSITY	3,250 cps	3,750 cps	3,750 cps
EXTERIOR USE	Yes**	Yes***	No

What Is ANSI/HPVA Type II Water Resistance?

Specimens are soaked in water for four hours, then dried in an oven at 120°F. If no delamination is seen after three cycles, the glue passes.

What Is ANSI/HPVA Type I Water Resistance?

This is more rigorous than the Type II test. It involves specimens being immersed in boiling water for four hours, then dried in an oven at 150°F, then boiled again for four hours, and cooled in water just prior to testing. Specimens must meet strength and wood failure requirements.

Are Titebond Wood Glues Safe To Use?

Yes. They are non-toxic, solvent free and produce no harmful fumes. We recommend using gloves when using Titebond Polyurethane Glue; not only can it stain your hands, but exposure can cause irritation or sensitivity to this product.

How Do I Clean Up Wet Glue Or Remove Dried Glue?

Use a damp cloth and remove glue before it has dried. If dried, gentle scraping or sanding works fine. Polyurethane can be cleaned with acetone, or wait until cured and scrape off.

Can Titebond Glues Be Used After They Are Frozen?

Yes. Most of them pass 3-5 freeze/thaw cycles. If frozen, let acclimate to room temperature and shake/stir to original form.

Can Titebond Wood Glues Be Thinned?

Yes. Thin with water up to 5% by weight or volume. Polyurethane and Hide Glue can be thinned by placing closed bottle in warm water.

Is It Possible To Dye Titebond Wood Glues A Different Color?

Yes. It is possible to change the color by adding aniline-based dyes. Call our Technical Support at 1.800.347.4583 for more information.

How Do I Read Lot Numbers?

Ayymmdd###

A stands for Made in the U.S.A. yy year manufactured mm month
dd day ### batch number

A190415123

Made in the U.S.A. Manufacture date April 15, 2019 Batch #123

How Do I Obtain A Safety Data Sheet?

Visit titebond.com or call Technical Support at 1.800.347.4583

	Type	Strength*	Chalk Temp	Shelf Life	Dried Film	Cleanup	VOC	Open/Total Assembly Time
TITEBOND III ULTIMATE	Proprietary Polymer	4,000 psi	45°F	2 years	Light Brown	Water when wet, sand when dry	9.0 g/L	8-10 / 20-25 minutes
TITEBOND II PREMIUM	Cross-linking PVA	3,750 psi	55°F	2 years	Yellow	Water when wet, sand when dry	3.0 g/L	3-5 / 10-15 minutes
TITEBOND ORIGINAL	Aliphatic Resin	3,600 psi	50°F	2 years	Yellow	Water when wet, sand when dry	10.7 g/L	4-6 / 10-15 minutes
TITEBOND II PREMIUM DARK	Cross-linking PVA	3,750 psi	55°F	2 years	Brown	Water when wet, sand when dry	5.5 g/L	3-5 / 10-15 minutes
TITEBOND POLYURETHANE	Polyurethane	3,510 psi	n/a	1 year	Tan	Mineral spirits when wet, sand or scrape when dry	0 g/L	25 minutes total
TITEBOND QUICK & THICK	Thixotropic PVA	3,000 psi	50°F	2 years	Clear	Water when wet or dry	2.4 g/L	3-5 / 8-10 minutes
TITEBOND LIQUID HIDE	Natural Protein Solution	3,590 psi	n/a	2 years	Transparent Amber	Water when wet or dry	0 g/L	6-8 / 25-30 minutes

*Maple to Maple (ASTM D905) Bond Strength at 70°F

** Passes ANSI/HPVA Type I water-resistance

*** Passes ANSI/HPVA Type II water-resistance

Water when wet, sand when dry

Mineral spirits when wet, sand or scrape when dry

Water when wet or dry

PRODUCTS

DESIGNED TO ACHIEVE MAXIMUM PERFORMANCE



TITEBOND III ULTIMATE

Our fastest growing formula, it could possibly be the best wood glue ever! Rated #1 by PROS for its superior strength, lower application temperature and waterproof bond.

- Exterior/Interior projects 4 oz 1412
- Passes ANSI/HPVA Type I 8 oz 1413
- Longer assembly time 16 oz 1414
- Water cleanup - Non-toxic Quart 1415
- Gallon 1416

TITEBOND II PREMIUM

Our #1 selling wood glue! Strong initial tack, shorter assembly time and excellent water-resistance make it the ideal choice for woodworking and home repairs.

- Interior/Exterior projects 4 oz 5002
- Passes ANSI/HPVA Type II 8 oz 5003
- FDA-approved for indirect food contact 16 oz 5004
- Water cleanup - Non-toxic Quart 5005
- Gallon 5006

TITEBOND II DARK

For darker woods! Strong initial tack, shorter assembly time and excellent water-resistance make it the ideal choice for woodworking and home repairs.

- Interior/Exterior projects 8 oz 3703
- Passes ANSI/HPVA Type II 16 oz 3704
- Unaffected by finishes Gallon 3706
- Water cleanup - Non-toxic

TITEBOND ORIGINAL

Recognized as the industry standard for general woodworking applications. It has been the preferred choice of professional woodworkers for over 60 years.

- Interior projects 4 oz 5062
- Strong initial tack 8 oz 5063
- Excellent sandability 16 oz 5064
- Water cleanup - Non-toxic Quart 5065
- Gallon 5066

TITEBOND QUICK & THICK

2X faster & 3X thicker than traditional PVAs! Ideal for the woodshop, home or crafts. Bonds wood, ceramic, stone, glass, fabrics and most craft materials.

- Interior projects 8 oz 2403
- Dries clear - Paintable
- Fills small gaps
- Water cleanup - Non-toxic

TITEBOND ALL PURPOSE WHITE

This professional-grade formula is ideal for crafts, home repairs and general woodworking. It provides excellent strength and a fast set on wood, paper, fabrics, pottery and more!

- Strong initial tack 4 oz 5032
- Dries clear 8 oz 5033
- Versatile - Paintable 16 oz 5034
- Water cleanup - Non-toxic Gallon 5036

TITEBOND POLYURETHANE

A versatile, professional strength formula specifically designed for multi-surface applications. Bonds wood, metal, stone, ceramic, HPL, Corian and most plastics.

- Exterior/Interior projects 4 oz 2302
- Passes ANSI/HPVA Type I - Waterproof 8 oz 2303
- Long open time and short clamp time 12 oz 2300
- Sands easily - Unaffected by finishes

TITEBOND GENUINE HIDE

The original hide glue that requires no mixing or heating. It features a longer assembly time, exceptional creep-resistance and reversible bond capabilities.

- Interior projects 4 oz 5012
- Ideal for antiques and "crackling" 8 oz 5013
- Excellent sandability 16 oz 5014
- Water cleanup - Non-toxic



TRUST

TITEBOND QUALITY IS ALL AROUND YOU

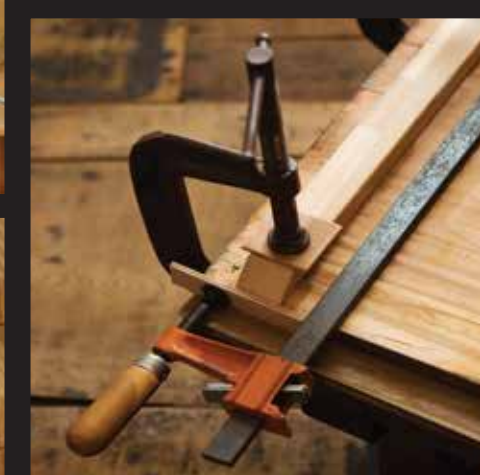
For over 80 years, highly-respected manufacturers have trusted Titebond as a critical component of their products. Even today, they continue to rely on our quality, technical expertise and personalized customer solutions.

Titebond offers the most complete line of water-based glues for wood and wood-based material applications.

- 300+ unique, high-quality formulas designed for superior performance
- The right solution for nearly every application
- Proprietary technology driven by extensive research and vertical integration
- Expert technical advice – 1.800.347.GLUE (4583)

CABINET SHOP WOOD GLUES

LEADERSHIP PERFORMANCE INNOVATION SOLUTIONS



APPLICATION

TIPS FOR WOOD SURFACE PREPARATION

1. For best results, the moisture content of the wood should be 6% – 10% and the relative humidity 40% – 50%.
2. To prevent “stepped joints”, all wood should have similar moisture content. For best results, allow wood to acclimate, or sit exposed in your shop, for at least 10 days.
3. When working with oily woods, wipe the joints with acetone before gluing. Sanding or planing before gluing will also help ensure a good bonding surface.
4. All wood pieces should fit tightly, with no saw marks or burnishing of the surfaces to be glued.

CLAMPING PRESSURE GUIDELINES

1. Appropriate clamp pressure is necessary for a successful bond. Please use the following wood guidelines:

	Wood Type	Strength
SOFT	pine, poplar	100 – 150 psi
MEDIUM	cherry, birch	150 – 200 psi
HARD	oak, maple	200 – 300 psi

2. Clamp time is dependent on many factors. We recommend clamping an unstressed joint for at least 30 minutes (longer is better). Do not stress joint for 24 hours. For bent laminations, clamp for 24 hours.
3. Position clamps a minimum of 1.5” – 2” in from the side and evenly spaced at 8” – 12” throughout the piece.
4. Do not use metal tools with Titebond Wood Glues. Although it won't affect the bond strength, it could darken the glue line.

PRODUCTS DESIGNED TO ACHIEVE MAXIMUM PERFORMANCE



TITEBOND ORIGINAL

Recognized as the industry standard for general woodworking applications. It has been the preferred choice of professional woodworkers for over 60 years.

- Strong initial tack
- Excellent sandability
- Unaffected by finishes
- Water cleanup – Non-toxic

Gallon	5066
2.15 Gal	50609
5 Gal	5067
55 Gal	5068

TITEBOND ORIGINAL EXTEND

A slower-setting version of Original Wood Glue, it is ideal for more complex woodworking assemblies.

16 oz	9104	1 Gal	9106	5 Gal	9107	55 Gal	9108
-------	------	-------	------	-------	------	--------	------

TITEBOND NO-RUN, NO-DRIP

2X faster & 3X thicker than traditional PVAs! Ideal for vertical applications like finish & trim, moldings, window casings and more. Strong initial tack, fast set, fills small gaps and dries clear.

16 oz	2404
-------	------

TITEBOND WHITE GLUE

Professional-strength formula ideal for general woodworking applications. Strong initial tack, fast set, excellent sandability and unaffected by finishes.

- Interior projects
- Dries clear – Paintable
- Water cleanup – Non-toxic

Gallon	15026
5 Gal	5027
55 Gal	5028

SUPER TITEBOND

A professional-quality formula that offers longer assembly time, superior sandability and heat-resistance. Ideal for edge and face gluing on panels, squares and other wood components.

5 Gal	5077	55 Gal	5078
-------	------	--------	------

TITEBOND II PREMIUM

Our #1 selling wood glue! Strong initial tack, shorter assembly time and excellent water-resistance make it the ideal choice for interior and exterior woodworking.

- Passes ANSI/HPVA Type II
- Ideal for R-F gluing systems
- Water cleanup – Non-toxic
- FDA approved for indirect food contact*

Gallon	5006
2.15 Gal	50009
5 Gal	5007
55 Gal	5008

TITEBOND II PREMIUM EXTEND

A slower-setting version of Premium Wood Glue, it is ideal for more complex woodworking assemblies.

16 oz	4134	1 Gal	4136	5 Gal	4137	55 Gal	4138
-------	------	-------	------	-------	------	--------	------

TITEBOND II DARK

A dyed version of Premium Wood Glue, it cures to a brown glue line for darker wood species.

16 oz	3704	1 Gal	3706	5 Gal	3707	55 Gal	3708
-------	------	-------	------	-------	------	--------	------

TITEBOND II FLUORESCENT

A dyed version of Premium Wood Glue that is visible under black light systems for glue line detection and easy cleanup.

1 Gal	2316	5 Gal	2317	55 Gal	2318
-------	------	-------	------	--------	------

TITEBOND DOWELING & DOWELING LV

Designed to allow appropriate flow through feed lines and injectors of most doweling equipment. Professional-strength, fast set time and translucent glue line.

Standard (1,500 cps)	5 Gal	2207
Low viscosity (140 cps)	5 Gal	3817

*Not applicable for Titebond II Premium Dark or Fluorescent

TITEBOND III ULTIMATE

Our fastest growing formula, it could possibly be the best wood glue ever! Rated #1 by PROs for its superior strength, lower application temperature and waterproof bond.

- Exterior/Interior projects
- Passes ANSI/HPVA Type I
- Longer assembly time
- Water cleanup – Non-toxic

Gallon	1416
2.15 Gal	14109
5 Gal	1417
55 Gal	1418

TITEBOND MELAMINE

Designed for bonding wood-based products to synthetic materials, including melamine, vinyl & HPL. Offers a strong initial tack, excellent strength and clear glue line.

16 oz	4014	1 Gal	4016	5 Gal	4017	55 Gal	4018
-------	------	-------	------	-------	------	--------	------

TITEBOND QUICKSET 2000

Bonds HPL to wood-based substrates. Can be used in pinch roll and dead stacking, continuous heated panel systems or limited lay-up time cold press operations.

5 Gal	61867	55 Gal	61868
-------	-------	--------	-------

TITEBOND COLD PRESS HPL

High-performance alternative to contact cement for large-scale flat laminating. Offers excellent strength, moderate speed of set and translucent glue line.

5 Gal	4617	55 Gal	4618
-------	------	--------	------

TITEBOND COLD PRESS VENEER

For large-scale bonding of veneers to flat surfaces. Offers excellent strength, moderate speed of set and prevents bleed-through on unbacked veneers.

1 Qt	5175	1 Gal	5176	5 Gal	5177	55 Gal	5178
------	------	-------	------	-------	------	--------	------

TITEBOND POLYURETHANE

A versatile, professional strength formula specifically designed for multi-surface applications. Bonds wood, metal, stone, ceramic, HPL, Corian and most plastics.

- Exterior/Interior projects
- Passes ANSI/HPVA Type I – Waterproof
- Long open time and short clamp time
- Sands easily – Unaffected by finishes

4 oz	2302
8 oz	2303
12 oz	2300

TITEBOND INSTANT BOND

Cyanoacrylates specifically designed for wood, but offers excellent adhesion on many substrates. 5-15 second set and 30-60 second cure. Use with accelerator for faster set times.

Thin	2 oz	6201	4 oz	6202
Medium	2 oz	6211	4 oz	6212
Thick	2 oz	6221	4 oz	6222
Gel	2 oz	6231	4 oz	6232

Accelerator	2 oz	6311	5.5 oz	6319
	spray		aerosol	

TITEBOND CASE QUANTITIES

Product	Size	Units / Case
Wood Glues	4, 8, 16 oz	12
	12 oz, quarts / gallons	6/2
	2.15, 5, 55 gal	1
Instant Bond	2 oz	15
	4 oz	10
	5.5 oz	12

Franklin International

2020 Bruck Street Columbus, Ohio 43207

1.800.669.4583 sales information
1.800.347.4583 technical information

01275_3738GP © 2019 FF1040