

Titebond

CONSUMER
WOOD GLUES

LEADERSHIP
PERFORMANCE
INNOVATION
SOLUTIONS

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)



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.



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 16 oz 2404
- 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

Titebond

CABINET SHOP
WOOD GLUES

TRUST

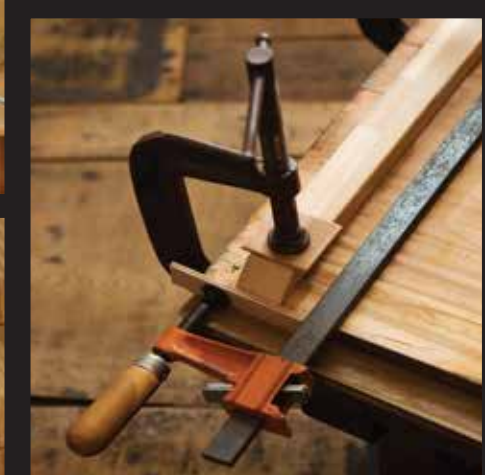
TITEBOND QUALITY IS ALL AROUND YOU

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)

LEADERSHIP
PERFORMANCE
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SOLUTIONS



THOMASVILLE
ETHAN ALLEN
AIRSTREAM
Baldwin
MARVIN
Sealy
Pella
Gibson

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.

PARTNERS WHO TRUST TITEBOND

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 SPEED SET

Extremely fast-setting, high solids PVA adhesive designed with a shorter clamp time. Visible under black-light, allowing for easy detection and cleanup of any glue residue.

- Extremely fast set – 15 minute clamp time
- Excellent strength & durability
- Water cleanup – Non-toxic

| | |
|----------|-------|
| Gallon | 4366 |
| 2.15 Gal | 43609 |
| 5 Gal | 4367 |

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 |

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1.800.669.4583 sales information
1.800.347.4583 technical information
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