

Titebond Original Wood Glue

Titebond Original Wood Glue is the industry standard for woodworking. It provides a strong initial tack and fast speed of set to reduce clamp time. It also develops a bond stronger than the wood itself, offers excellent sandability and is unaffected by finishes.

Titebond Original can help any woodworker achieve professional-looking results. It is ideal for wood, hardboard, particleboard, leather, cloth and most other porous materials. Titebond Original is easy to use, non-toxic and cleans up with water.

Conforms to ASTM D-4236



Product Features

- Fast set - Shortens clamp time
- Bonds stronger than wood
- Solvent-resistant
- Excellent sandability
- Unaffected by finishes
- Easy cleanup with water
- FDA approved for indirect food contact

Physical Properties

Type Aliphatic resin emulsion

State Liquid

Color Yellow

Dried Film Translucent

Solids 46%

Viscosity 3,200 cps

Storage Life 24 months in tightly closed containers at 75°F.

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

Calculated VOC 10.7 g/L

Weight Per Gallon 9.2 lbs.

Chalk Temperature * Approximately 50°F.

Flashpoint > 200°F.

Freeze/thaw Stability Stable

pH 4.0

Bond Strength ASTM D-905 (On Hard Maple)

Temperature	Strength	Wood Failure
Room Temperature	3,650 psi	68%
150°F. Overnight	1,250 psi	1%

Application Guidelines

Application Temperature Above 50°F.

Open Assembly Time 4-6 minutes (70°F./50%RH)

Total Assembly Time 10-15 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, 100-150 psi for softwoods, 125-175 psi for medium woods and 175-250 psi for hardwoods)

Method of Application Plastic bottles for fine applications; glue may also be spread with a roller spreader or brush.

Cleanup Damp cloth while glue is wet. Scrape off and sand dried excess.

Limitations

Titebond Original Wood Glue is not intended for exterior use or where moisture is likely. For exterior applications use Titebond III Ultimate Wood Glue or Titebond II Premium Wood Glue. Not for structural or load bearing applications. Do not use when temperature, glue or materials are below 50°F. Freezing may not affect the function of the product but may cause it to thicken. Agitation should restore product to original form. Read MSDS before use. **KEEP FROM FREEZING. KEEP OUT OF THE REACH OF CHILDREN.**

Caution Statements

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



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