



TITEBOND POLYURETHANE GLUE

Titebond Polyurethane Glue is a breakthrough in adhesive technology. It is the only polyurethane glue to combine a long 30-minute working time with a short 45-minute clamp time*. It is a versatile, professional-strength glue specifically formulated for multi-purpose applications. In addition to its superior wood-to-wood performance, Titebond Polyurethane Glue is ideal for metals, ceramics, most plastics, HPL, Corian®, stone and other porous/non-porous materials. It is ready-to-use, offers excellent sandability and is unaffected by finishes.



Features & Benefits

- 100% waterproof (Passes ANSI Type I & II water-resistance testing)
- Bonds virtually everything
- Epoxy-like strength - No mixing
- Short clamp & fast cure
- Excellent sandability
- 100% solids
- Solvent free

SPECIFICATIONS

CONFORMS TO ASTM D-4236

Application Guidelines

Application Temperature: Above 50°F (10°C)

Assembly Time After Glue Application: 25-30 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).

Method of Application: Easily spread with a roller spreader or brush, or may be transferred to plastic bottles for finer gluing applications. Note: Adhesive foams when cured. Protect finished surfaces from direct contact.

Cleanup: Mineral spirits while glue is wet. Scrape or sand off dried excess.

Bond Strength ASTM D-905 (On Hard Maple)

Room Temperature	3,500+ psi	60%
150°F. Overnight	3,000 psi	50%

Physical Properties

Type: Polyurethane

Calculated VOC: 0 g/L

State: Liquid

Weight Per Gallon: 9.55 lbs.

Color: Brown

Flashpoint: > 200°F

Dried Film: Yellow

Freeze / Thaw Stability: Stable

Solids: 100%

Viscosity: 8,500 cps

Storage Life: 12 months in tightly closed containers at 75°F

Limitations

Titebond Polyurethane Glue is not for structural applications or for use below the waterline. For ease of application, the glue, temperature and materials to be bonded should be above 50°F. Lower temperatures will cause the glue to thicken.

Product SKUs

2300	037083023008	10037083023005	12 Oz. Bottle	6.05	6	212
2302	037083023022	10037083023029	4 Oz. Bottle	4.29	12	245
2303	037083023039	10037083023036	8 Oz. Bottle	8.22	12	165
2308			52 Gallon Drum	530.72	1	4

Caution Statement

WARNING: EYE AND SKIN IRRITANT. POTENTIAL SKIN AND RESPIRATORY SENSITIZER. Contains isocyanate containing polymers. Contact causes eye irritation. Prolonged or repeated skin exposure may cause irritation and sensitization or allergic reaction. Contact may stain skin. Do not allow eye contact. Avoid prolonged or repeated contact with skin. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and seek medical attention. For skin, wash thoroughly with soap and water. For additional information, refer to Safety Data Sheet. **KEEP OUT OF THE REACH OF CHILDREN.**

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.

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