



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.

Conforms to ASTM D-4236



Product Features

- 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

Physical Properties

Type Polyurethane

State Liquid

Color Brown

Dried Film Yellow

Solids 100%

Storage life 12 months in tightly closed containers at 75°F.

Calculated VOC 0 g/L

Weight/gallon 9.55 lbs.

Flashpoint > 200°F.

Freeze/thaw stability Stable

Viscosity 8,500 cps

Bond Strength ASTM D-905 (On Hard Maple)

Temperature

Room Temperature

150°F. Overnight

Strength

3,500+ psi

3,000 psi

Wood Failure

60%

50%

Application Guidelines

Application Temperature Above 50°F.

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. *NOTE: This product cures by reaction with moisture. Changes in humidity, temperature and moisture content of the glued surfaces will affect open time and minimum clamp time. Maximum open time can be determined by excessive foam development in the adhesive. Minimum clamp time can be determined when squeeze out of adhesive becomes firm.

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

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.

Caution Statements

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 Material Safety Data Sheet. **KEEP OUT OF THE REACH OF CHILDREN.**

Ordering Information

Part No.	Size	Weight	UPC	Case UPC	Units Per Package	Packages Per Pallet
2300	12 Oz. Bottle	6.05	037083023008	10037083023005	6	212
2302	4 Oz. Bottle	4.29	037083023022	10037083023029	12	245
2303	8 Oz. Bottle	8.22	037083023039	10037083023036	12	165
2308	52 Gallon Drum	530.72			1	4

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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