



23 Exhibition Drive, Malaga Western Australia

Monday - Friday 7am-5pm + Sat 8am-4pm

Sales Centre for Sales, Advice + Orders

T +61 8 9209 7400

[hello@beyondtools.com](mailto:hello@beyondtools.com)

## 946ML TITEBOND II PREMIUM WOOD GLUE



SKU	Option	Part #	Price
9803351		515005	\$35

Model	
Type	Wood Glue
SKU	9803351
Part Number	515005
Barcode	037083050059
Brand	Titebond
Size	946ml
Dimensions	
Product Weight (Net Weight)	1.2 kg
Packaging + Shipping	
Shipping Weight (Gross)	1.4 kg

**946ml Titebond II Premium Wood Glue** Weather proof bond suitable for wood to wood bond where moisture is present. A shelf stable, one part (pre-catalysed) cross-linking PVA adhesive. It is recommended for high frequency and hot or cold press, edge and face gluing and finger joint applications. With its very fast setting rate, viscosity stability and high percentage solids, Titebond Premium II can also be used for a variety of assembly gluing applications. It develops a DIN EN 204 D3 water-resistant bond with a light-coloured glue line. Ideal for making block chopping boards is approved for indirect food contact by FDA USA. **Features:-** First one-part wood glue to pass ANSI Type II water-resistance ( passes the soak test)

Minimal joint creep

Designed for exterior use

Excellent sandability

Unaffected by finishes

FDA approved for indirect food contact

Ideal for radio frequency (R-F) and hot press gluing systems

Easy cleanup with water

### Physical Properties:-

Type	Cross-linking polyvinyl acetate
State	Liquid
Colour	Honey Cream
Dried film	Translucent Yellow
Solids	48%
Viscosity	4,000 cps
Storage life	24 months in tightly closed containers at 24 °C
Calculated VOC	3.0 g/L
Weight per gallon	4.17kg
Chalk	Approximately 13 °C



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temperature

Flashpoint > 93 °C

Freeze/thaw stability Stable

pH 3.0

#### **Bond strength Green Seal GS-36 Woodworking Glues**

The standard includes product performance requirements and environmental and health requirements such as reduced toxicity, hazardous ingredients, and volatile organic compounds (VOCs).

**Bond strength ASTM D905 (on hard maple)** This test method covers the determination of the comparative shear strengths of adhesive bonds used for bonding wood and other similar materials, when tested on a standard specimen under specified conditions of preparation, conditioning, and loading in compression. This test method is intended primarily as an evaluation of adhesives for wood.

This specification is designed to cover comparative shear strengths of adhesive bonds used for bonding wood or other similar materials, when tested on a standard specimen under the subscribed conditions of preparation, conditioning and loading in compression. This test method is intended primarily as an evaluation for wood adhesives

**Bond strength ASTM D4236** This practice describes the standard procedure for developing precautionary labels for art materials to provide chronic health hazard and precautionary statements based on knowledge that exists in the scientific and medical communities. These statements concern hazards known to be associated with a product or product component(s) when it is present in a physical form, volume, or concentration that in the opinion of a toxicologist has the potential to produce a chronic adverse health effect

**Bond strength ANSI/HPVA Type II Water-Resistance : Wood glues** Type II testing is a soak test, involving cutting the 150 x 150mm glued block assemblies into 50 x 125mm specimens, soaking them for 4 hours, then baking in a 120 °F oven for 19 hours. This is repeated for a total of three cycles, and the bonds must not de-laminate to pass the Type II specification. Also similar to D2 European standard testing.

#### **Application Guidelines:-**

**Application Temperature** Above 13 °C. **Open Assembly Time** 3-5 minutes (21 °C./50%RH) **Total Assembly Time** 10-15 minutes (21 °C./50%RH)

**Minimum Required Spread** Approximately 6 square meters per litre **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 II Premium Wood Glue is not for continuous submersion or for use below the waterline. Not for structural or load bearing applications. Do not use when temperature, glue or materials are below 12.7 °C. Due to low pH, product may cause corrosion on metal surfaces, test product before using where rusting/corrosion may be of concern. Freezing may not affect the function of the product but may cause it to thicken. Agitation should restore product to original form. Because of variances in the surfaces of treated lumber, it is a good idea to test for adhesion. For best results gluing exotic or oily woods, such as Ipe and Teak,



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please contact our Technical Support Team at 1-800-347-4583. Read MSDS before use. KEEP FROM FREEZING. **KEEP**

**OUT OF THE REACH OF CHILDREN.**

**Material Data Specifications:-**

MSDS

Data Sheet