TITEBOND II WATERPROOF WOOD GLUE

22194

70151 - 8 oz
70169 - Pint
70177 - Gallon

FEATURES:

- heat resistant
- sands easier
- sets faster
- solvent free, non-toxic
- paintable
- water clean-up
- freeze/thaw stable
- resists solvents
- strong initial tack
- specifically formulated for wood, paper, cloth, hardboard, particle board and most other porous materials
- will give a type II waterproof bond (Note: do not use below the waterline. Not for continued submersion)
- formulated with a unique polyaliphatic resin polymer which offers better performance and water resistance than regular Titebond
- also available in 8 oz. (70151), Pint (70169), Gallon (70177)

APPLICATION:

This is a unique glue especially designed for exterior uses (such as patio furniture, mailboxes, birdhouses, etc.)

INSTRUCTIONS:

1. Surfaces must be clean and dry
2. On wood: joints should fit snugly. Spread heavily and clamp 10-30 minutes. Do not stress joints for 24 hours.
3. On paper, cloth or porous materials: Use lighter spread, press surfaces together, allow to dry.

Titebond® II Waterproof Wood Glue

Technical Data Bulletin

70151 8 oz
70169 Pt
22194 QT
70177 Gallon

Franklin Titebond®II Waterproof Wood Glue is the culmination of more than 30 years of Titebond Wood Glue technology. Titebond II is the first one-part wood glue to pass Type II waterproof testing thanks to a unique polyaliphatic resin™ polymer called Duracet XTII.™ Duracet XTII also offers professional woodworkers better performance than original Titebond.

Physical Properties (Typical)

Type Crosslinking polyaliphatic emulsion
State Liquid
Color Honey gold
Dried film Translucent
Solids 48%
pH 2.5 – 3.5
Viscosity 4,000 cps
Weight per gallon 9.1 lbs.
Calculated VOC (less water) 13.7 g/l

Chalk temperature* 45°F
Freeze/thaw stability Passes 5 cycles at 0°F.
Storage life Over 12 months in tightly closed containers at 75°F.

* Chalk temperature indicates the lowest temperature at which the adhesive, the bonding surfaces or the air may be to assure a good bond.

Gluing Guidelines

Use temperature 50°F
Open assembly time 5 minutes
Closed assembly time 15 minutes
Minimum required spread 7 wet mils (apply less glue on paper, cloth, and similar surfaces)
Required clamping pressure Enough to bring joints tightly together (e.g., 150 psi for pine)

Container sizes 4 oz., 8 oz. and 16 oz. bottles; 1 gallon bottles; 5 gallon pails.
Cleanup Damp cloth while glue is wet. Scrape off dried excess.

Speed-of-Set Strength Development

Minutes	Inch-pounds
3	207
5	354
10	591

Bond Strength ASTM D-905 (on hard maple)

Temperature	Strength psi	% wood failure
70°F overnight	3,750	72 —
150°F overnight	1,750	6

Meets or exceeds the requirements for ANSI/HPMA HP 1983 Type II

Limitations

Titebond II passes Type II water resistance tests. Do not use for joints below waterline. Not intended for continual submersion. Titebond II may thicken over time and it is not recommended for use after one year.
KEEP FROM FREEZING.

Franklin International