



TOTALBOAT WOOD GLUE

- High-strength PVA-based formula bonds hardwoods, softwoods, plywood, MDF & other wood composites
- Thick consistency reduces drips, runoff & waste
- Water, humidity & moisture resistant

TotalBoat Wood Glue is a high-strength PVA adhesive for furniture, cabinets, joinery, crafts, and everyday repairs. Its thicker formula makes application easier, helping reduce drips and waste. Use for both indoor and outdoor projects. Safe to handle and non-toxic; just use water to clean up spills. TotalBoat Wood Glue sets fast, with 30 to 60-minute clamp time, and reaches full strength in 24 hours. Glue dries to a natural tan color that's easy to sand smooth for clean repairs and finish-ready woodwork.

CLEANUP SOLVENTS: Water. Once cured, it must be removed mechanically.

THINNER/REDUCER SOLVENTS: Do not thin this product

ACCEPTABLE SUBSTRATES: Hardwoods (not as effective on oily hardwoods), softwoods, plywood, wood composites, paper, cardboard, MDF, particle board, chipboard, wood veneer, fabrics, leather, other porous substrates.

PERSONAL SAFETY:

Always use proper Personal Protective Equipment as needed when handling or applying this product. Refer to the TotalBoat Wood Glue Safety Data Sheet for more info.

SURFACE PREPARATION:

- All substrates must be clean, all dust, dirt, or sanding residue must be removed.
- Remove any grease, oil, wax, or other substances from the surface
- Paint, varnish, or any other wood finishes should be removed at the glue joint.
- When applying to wood substrates, the wood's moisture content should be less than 10% to achieve maximum bond strength. Higher moisture content can extend dry times. Moisture content over 15% can prevent a good bond from occurring.
- On smooth substrates or denser wood types, maximum adhesion can be achieved by scuff sanding the substrate with 150- to 180-grit sandpaper where the glue joint will be.

APPLICATION CONDITIONS:

- Apply at 50°F or warmer.
- TotalBoat Wood Glue will dry and cure faster under warm, dry conditions with less than 50% relative humidity.

- Cooler conditions and/or higher relative humidity may extend dry and cure times.
- Applying in direct sunlight or breezy conditions can dramatically shorten the working time.

APPLICATION:

- Liberally apply TotalBoat Wood Glue to the prepared bond surface.
- Spread the glue to an even thickness across the bond joint.
- Mate the parts together.
- **CLAMPING:**
 - o Clamp the parts together, if necessary to maintain alignment or fit until the glue dries.
 - o Apply clamping pressure slowly until glue seeps out from the joint. Only enough clamping pressure to hold the parts together; avoid squeezing all glue out of the joint.
- Remove any glue that squeezed out of the joint with a damp rag or paper towel.
- Glue that forms a thick film, drips, or sags will take much longer to dry than in a thin film.
- Allow clamped parts a minimum of 30 to 60 minutes cure time before removing clamps.
- Allow a minimum of 24 hours cure time before heavy use.

Coating and Finishing:

- Any residual glue can be removed by sanding or other mechanical means.
- Because cured glue is less porous than wood, sand glue joints with 220-grit sandpaper in the direction of the grain before staining.
- For applications with continuous UV exposure, it is strongly recommended to apply a UV-resistant coating or varnish.

PHYSICAL DATA:

Vehicle Type:	Polyvinyl acetate
Components:	One
Units:	8oz bottle
Color:	Natural tan
Solids %:	40-55% by weight
UV Stable:	Limited stability — apply UV stable coatings for applications that may be exposed to constant exposure
Flash Point:	>200°F

APPLICATION DATA:

Application Film Thickness:	Thin film
Skinning Time:	Less than 15 minutes* at 70°F
Open Time/Working Time:	4-6 minutes* at 70°F
Application Temperature:	50°F or warmer
Minimum Dry for Heavy Use:	24 hours*
Typical Thinning:	Do not thin this product

* When properly applied and cured in a thin film