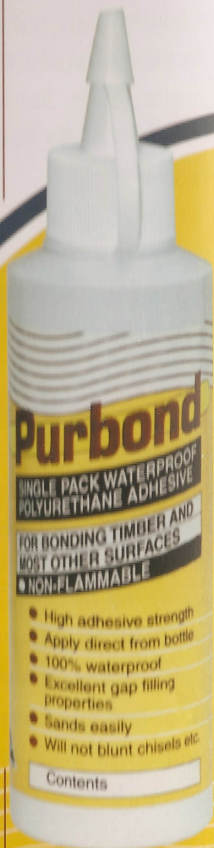


Purbond

Purbond is a new adhesive manufactured by BoatCraft Pacific for bonding timber and other semiporous surfaces. Features of Purbond are:

- High adhesive strength
- Suitable for damp surfaces
- Apply direct from bottle
- Contains no volatile or flammable ingredients
- Invisible in close fitting glue lines
- 100% waterproof, withstands 72 hr boiling water test
- Sets in 1-2 hours, fully cured in 24 hrs
- Application to one surface only, covers 200-250ml per square metre
- Sands very easily and does not blunt cutting tools
- Has good gap filling properties



Preparation &

Surfaces to be bonded must be sanded, clean and free from dust, grease or other contaminants. Timber and concrete generally have adequate surface moisture to initiate cure. Other dry surfaces may be dampened with water before application by wiping with a damp cloth.

Apply Purbond directly from the bottle to one surface only. Spread with a scraper to a thin layer, then join and lightly clamp the parts. Application rates will vary with the roughness of the surface. On an average surface, coverage will be 200 - 300ml per square metre. Clamps may be removed when the exudate is hard, generally after 2 - 3 hours unless temperatures are very cold. At temperatures below 10°C, allow 5 - 6 hours for cure. Some adhesive will expand out of the joint. It is best left to harden, and cut off or sanded after it has cured. Purbond sands easily without clogging the paper. It does not blunt cutting tools such as chisels and planes.

Purbond

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Website - BoatCraftNSW.com.au

NOTE: This is a scanned copy of a glossy brochure. Printed copies are available on request.

Single Pack



Purbond

Polyurethane
Waterproof Adhesive

Our Name - Making it Stick



Purbond is a moisture curing, 100% solids, polyurethane adhesive. It reacts with surface moisture on any substrate, especially semiporous materials, which initiates its curing reaction.

In the process of this reaction, Purbond foams and expands slightly, forcing its way into gaps, unevenness, or pores on each of the mating surfaces, thus enhancing the contact area of the joint. It has high shear strength and is creep resistant.

Purbond can be used for bonding most materials including timber, plywood, fibre and particle boards, foamed plastics, concrete, even metals. While a strong bond will be formed to most substrates, it may not be structural with all materials. The bond is stronger than all timbers softer than pine or oregon, especially Western Red Cedar, and breaks the timber grain of them. Harder timbers will be bonded with equal strength, but the glue line will break before the timber.

Purbond is recommended for wooden boat building applications including both timber laminating and cedar strip planking, where its ease of use will be particularly appreciated. It is suitable for all interior and exterior joinery and fitting out, and wherever surfaces are imperfectly mated. It is not recommended for gap filling of open joints, where the glue can expand out of the joint, or for joints subject to forces of peel or direct tension. For such applications, use Bote-Cote Epoxy adhesive.

Some Uses of Purbond

Purbond is most effective in sliding type ("shear") joints, but is less effective in peel or tensile joints. Some examples of its best usage are:

- Laminating beams especially curved beams and similar moderately stressed laminates
- Mortise and tenon and biscuit joints
- Glueing dowels
- Bonding plywood eg. to make thick ply panels, or to timber reinforcing strips
- Laminating benchtops
- Boat building using cedar strip planking
- Glueing to aluminium
- Glueing to concrete
- Glueing to foams incl. expanded polystyrene, PVC, polyurethane or polythylene.

Storage and Handling

Purbond is moisture sensitive, and containers must be kept sealed after use. If left unsealed, a skin may form, but the rest of the product will remain useable. If the bottle is stored upside down, this skin will then be at the bottom, and cannot prevent Purbond being squeezed out of the bottle. Shelf life is at least one year.

Always wear rubber gloves when using Purbond. Contact with the skin will cause temporary blackening which can't be removed with washing. Prolonged contact may induce allergic reactions in some sensitive people. Clean up with most solvents such as acetone. Do not thin Purbond with solvents.