

Physical Property Data

Tensile Strength	48 MPa
Tensile Elongation	8%
Tensile Modulus	2.58 GPa
Flexural Strength	76 MPa
Flexural Modulus	2.76 GPa
Compressive Strength @ Yield	90 MPa
Compressive Strength @ Failure	193 MPa
Heat Distortion Temperature	50°C
Hardness	75 Shore D
Shear Strength	16 MPa

EPOX-E-GLUE Characteristics

Epoxy-E-Glue gains its ultimate strength through the time it takes to fully cure and the additives which make it extremely tough. Many other Epoxy Glues are very brittle when cured. The faster an Epoxy Glue cures the less strength it has.

Also fast curing epoxies have extremely volatile additives in the hardener to create a rapid exothermic reaction. Many of these are not good for your health. Carefully smell the hardener of EPOX-E-Glue compared to others available and note the low odour. It is much safer to use and much less chance of becoming hypersensitive.

Manufactured
in Australia for
Australia's
woodworking
industry

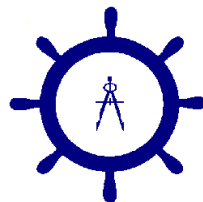


Other Products Available:



Manufactured by
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Epoxy-E-Glue

High strength epoxy adhesive

**"Australia's
economical & easy
to use solution to
waterproof joints"**



Epox-E-Glue is high strength epoxy adhesive mixed in a equal volume 1:1 ratio for ease of handling. Its features are:

- Non-critical easy to use 1:1 ratio by volume- simply mix tow equal scoops
- Extended working life of 40 minutes
- Full cure within 24 hours at temperatures above 10°C
- Non-sagging thixotropic paste formulation easily fills large gaps
- Bonds strongly to most substrates
- Totally waterproof

SURFACE PREPARATION

Surfaces to be bonded must be freshly sanded with coarse grit (40 or 60 grit) abrasive, and be free from dust, dirt, grease or oils.

MEASURING AND MIXING

Mix equal volumes of Resin and Hardener thoroughly until colour is uniform. Measure out equal volumes in graduated containers, scoops, etc, or for small batches use equal sized blobs on a mixing board. Epox-E-Glue should be used within 30-40 minutes of mixing.

APPLICATION

Best results will be obtained when both mating surfaces are coated with glue. Bring both coated parts together and maintain firm contact until the glue has set and strength has developed. Generally this will be within 24 hours, but low temperatures will retard the cure rate. Do not clamp tightly as a weak joint may result from glue starvation. If bonding porous materials such as foams, concrete, timber end grain, etc, seal the surface by pre-coating it with Bote-Cote liquid epoxy resin. This will prevent joint starvation due to the porous substrate absorbing resin out of the adhesive.

FINISHING

Epox-E-Glue will cure to an almost invisible glue line ensuring it is suitable for clear finishes. However it may be too opaque for use for filling larger holes etc under clear finishes. Clean up any excess glue with a scraper followed by wiping away with a solvent such as acetone. Cured Epox-E-Glue may be sanded, then painted or clear coated.

SAFETY

Refer to Material Safety Data Sheet and to BoatCraft brochure "Using Bote-Cote Safely and Effectively". Always wear disposable gloves when handling epoxy chemicals, and avoid prolonged exposure in order to

minimise skin sensitization developing. Avoid contact with eyes, wash hands with Bote- Cote hand cleaner and water after use, do not use solvents on your skin.

Epox-E-Glue

Sizes

600gms

1kg

1.6kg

4kg

8kg

20kg

