

TIPS

The Following Tips will aid you in making the most of your EPOX-E-Glue (E-Glue).

- Use a piece of plastic to mix your E-Glue on as it will not stick to it. Ice cream containers, etc. are ideal.
- Do not use Cardboard or paper to mix E-Glue on as it can draw the liquid out and leave a dry glue mix.
- Use separate sticks or spoons to draw paste from each container or you will contaminate remaining hardener & Resin and cause lumps of hardened glue.
- For small quantities use matches to draw E-Glue from each container & Paddle Pop sticks or Tongue Depressors are ideal for most jobs.
- For larger quantities, plastic spoons are ideal for accurately measuring equal parts of resin & hardener.
- Mix equal parts until a consistent colour is achieved.
- Mask off edges of the area being glued with insulation tape or Duct tape to contain the glue. Clean off excess glue after light clamping & remove the tape before E-Glue dries.
- Clean off E-Glue accidentally spilt on work area with ACETONE.
- Clean paste off hands with white vinegar, then wash with soapy water.
- Use Eliminator Hand Cleaner as it is fantastic. (We stock it)
- Do NOT clamp tightly as it will squeeze the E-glue out of the joint leaving a weak joint
 - Epoxy loves gap
- When gluing end grain coat with Bote Cote Epoxy Resin first to wet out the timber.
- Immediately before gluing timber and other materials coarse sand with the grain, even oily timbers.
- Immediately before gluing metals, coarse sand & then apply mixed glue to coarse sandpaper and rub the glue into the metal to ensure it is worked into the surface.

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EpoX-E-Glue

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

EpoX-E-Glue

EpoX-E-Glue

Epoxy-E-Glue is a marine grade high strength epoxy adhesive mixed in a equal volume 1:1 ratio for ease of handling and use.

Its features are:

- **Non-critical easy to use 1:1 ratio by volume- simply mix two equal scoops**
- **Extended working life of 40 minutes**
- **Full cure within 24 hours at temperatures above 10°C**
- **Non-sagging thixotropic paste formulation that easily fills large gaps**
- **Bonds strongly to most sub strates**
- **Totally waterproof**
- **Can be sent anywhere in austria by post.**
- **Available in light & dark brown**
- **In plastic containers which will not rust.**

**Epoxy-E-Glue Sizes
100g Handi-Kit**

200g
600g
1kg
1.6kg
4kg
8kg
20kg



EPOXY-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 and the less likely that it will be waterproof. 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 EPOXY-E-Glue compared to others available and note the low odour. It is much safer to use and much less chance of becoming hyper sensitive.

SURFACE PREPARATION

Surfaces to be bonded must be freshly sanded with coarse grit (40 or 60 grit) abrasive or freshly cut and be free from dust, dirt, grease or oils. Do not wipe solvents or thinners over the surface to be glued.

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. Epoxy-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 starva-

tion due to the porous substrate absorbing resin out of the adhesive.

FINISHING

Epoxy-E-Glue will cure to an almost invisible glue line when using the appropriate colour. This ensures it is suitable for clear finishes and is ideal for use when filling larger holes. Clean up any excess glue with a scraper followed by wiping away with a solvent such as acetone. Cured Epoxy-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 Eliminator Hand Cleaner and water after use, do not use solvents on your skin.

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

Epoxy-E-Glue