

2:1 CLEAR CASTING EPOXY



Clear epoxy for casting and pouring. This epoxy has a slower cure and excellent air release so you can pour it up over 20mm thick in one application. This makes it perfect for casting, river tables and filling cavities.

- Clear finish that is UV inhibited to prevent yellowing
- Can be poured up to 50 mm deep
- Formulated for use in the construction, timber, electrical, & marine industries

Technical Snapshot

Base :	Low viscosity clear liquid
Hardener:	Low viscosity clear liquid
Odour:	Low odour
Coating Type:	Epoxy
Packaging:	1.5, 6, 30 litre, two-pack
Mix ratio:	2:1(base: hardener)
Pot Life:	Approximately 2 hours @ 20c (150 ml mix)
Typical Coverage:	1 litre/ sq m @ 1mm thickness
Dry to recoat:	Typically overnight will vary with temperature, humidity & amount mixed
Shore Hardness:	Typical value 70

Preparation

- A test patch is recommended if the product has not been used before.
- All surfaces to be clean, dry, and free of loose material.
- Thoroughly solvent wipe wooden surfaces to remove any oily deposits and allow to dry.

Application

Mixing

- By Volume: Mix two parts A to one part B, OR
- By Weight: Add 42 grams hardener (part B) to every 100g base (part A)
- Thoroughly hand mix with a stick taking care to scrape sides & bottom of container.

Application

Our technical advice verbally and in writing is given in good faith but without warranty.

This means that how you use our products after receiving our advice is your choice and so we cannot take responsibility for your outcomes. You will need to rely upon your own judgement and testing to ensure our product is suitable for what you want to do.

This guide was made by NZ Fibreglass (2025) Ltd and is not meant to replace the manufacturers advice.

- Allow to sit for 3-5 minutes for air to come out then pour into area to be filled with casting resin and leave.
- *We recommend initially pouring up to 20mm thickness, and when familiar with product up to 50mm.
- Pour in to cavity to be filled and leave product to self level then use a heat gun (if required) waved gently over the surface to release any air bubbles.
- Multiple clear pours can be added after first layer.
- Allow to cure in a dust free environment

Handling Precautions

- Avoid contact with eyes and skin. Do not ingest. Use with adequate ventilation.
- Wear protective clothing, eye protection, and gloves.
- Keep away from children

Clean-Up

- Use epoxy solvent or lacquer thinners for clean-up of uncured product on brushes and rollers.
- Use disposable containers and mixing sticks

Storage

- Do not store near boilers or other sources of heat.
- Do not store in direct sunlight.

Other Information

- Cure resin at 25C.
- Can be cured at up to 50C to speed up cure – pot life will be reduced.
- In cooler weather pre-heat containers in hot water or a heat box to 25C.
- In hot and dry conditions use smaller mixes more often. Do not add a new mixture into one that is gelling as they will both polymerise.
- Can be cut and polished although a gloss finish exists on cure. If desired:
 - Wet sand with 600 then 1200 grit paper until a uniformly flat surface is achieved.
 - Buff with cutting compound until level of gloss required is achieved.
 - Polish with compound and polishing pad.

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