



fast cure
Artist & Hobbyist Resin
Mix Ratio By Volume: 1:1

www.rpmsupplies.com

Art Cast Epoxy Resin is an ambient temperature curing, optically clear, solvent & odour free, non flammable epoxy coating & casting resin, developed specifically to seal and provide hard wearing, clear gloss surface for Paintings, Artwork, Jewellery Making, Wood Turning Blanks, Embedded Objects & much more. It has a good surface heat resistance of upto **50°C**. The appearance of this clear resin can be altered by simply adding a coloured pigment. **example:** Translucent, Opaque, Metallic, Neon, available in liquid or powder form.

Application must be at 18°C - 25°C

The system can be applied by hand pouring & with the use of a rubber squeegee can easily be pushed around to cover the surface of your workpiece. You can also use a brush or roller if needed.

Mix in the **ratio of 1:1 by volume** until it is a uniform colour & consistency.

Note: The mixing ratio must be accurately followed, it is not possible to change the ratio, this would result in lower mechanical properties & the resin would not dry correctly. The two part mixture must be stirred thoroughly for **3-4 minutes** to ensure full homogeneity. Only mix up the necessary amount needed, as large amounts of epoxy tend to heat up a lot faster!

Level: Ensure your work piece is perfectly flat & level, otherwise the resin will run off your surface or pool at its lowest point.

Bubbles: Oxygen bubbles can occur during the mixing & pouring process, and may take longer to disperse if the ambient temperature is lower than recommended (**18°C-25°C**). Using a blowtorch you can burst stubborn oxygen bubbles by carefully passing the flame over the area making sure not to burn the resin. (**20cm distance**).

Protection & Clean up: You will need to keep your resin project covered or in a safe dust free area for at least **4-8 hours**. Any tools or spillages can be cleaned with Acetone.

Curing: This resin will cure at different rates based on the volumes and thickness poured.

Approximate Guide:

- Working time before curing starts: = 15 Minutes
- Touch dry: = 4-5 hours
- Ready for de-moulding: = 12 hours
- Fully cured: = 24 hours
- Coverage: 1Ltr of mixed resin = 1sq mtr @ 1 -2mm thick.

(**Store Resin Containers @ Room Temperature**)