

CLEAR FLOW



Thin Coat /Fast Cure
Tabletop Resin
MIX RATIO BY WEIGHT: 100:25

www.rpmsupplies.com

Clear-Flow 48 Tabletop Resin is an ambient temperature curing, optically clear, solvent-free epoxy coating & casting resin, developed specifically to provide a beautiful, hard wearing, clear gloss surface for tabletops, bar-tops, decorative floors, artwork & small casting projects. Due to its fast cure time a pour layer of **5mm deep** is recommended and multiple layers can be poured provided each layer has fully cured. It has an excellent surface heat resistance of upto **90°C -95° 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 - 20°C

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

Mix in the ratio of **100:25 by weight** 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: Any oxygen bubbles created during the mixing & pouring process should gradually disperse during the curing process, which should be at **18°C - 20°C**. Stubborn oxygen bubbles may need to be burst by carefully passing a blowtorch 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 **12 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: = 40 mins
- Touch dry: = 12-18 hours
- Ready for de-moulding: = 24 hours
- Fully cured: = 48 hours
- Coverage: 1kg of mixed resin = 1sq mtr @ 1 -2mm thick.

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