

How to Make Resin Art Coasters

Equipment Needed:

- Clear Coating Epoxy Resin
- Acrylic Coaster Bases
- Epoxy Resin Pigments
- Latex or Nitrile Gloves
- Mixing Sticks
- Measuring Cups
- Baking Paper
- Masking Tape

Additional Recommended Equipment:

- Heat Gun or Small Blow Torch
- Respirator
- Isopropyl Alcohol
- Disposable plastic cups or takeaway containers

Please read through instructions in full before starting.

SAFETY PRECAUTIONS:

- Work in a well-ventilated area.
- Always wear gloves.
- We recommend wearing a respirator and safety glasses.
- Check the Safety Data Sheet before handling resin, available on our website.

About Clear Coating Epoxy:

- Mixing Ratio 1:1 by Volume
- Working time: 38-45minute once mixed (at 25 °C ambient temperature)
- Tack Free: 7 hours (at 25 °C)
- Solid Cure time is 24 hours (at 25 °C)
- Full Strength achieved after 7 days (at 25 °C)

Directions:

1. Cover your work area with baking paper and secure with masking tape to protect your surfaces.
2. Prep the Acrylic Coasters by making sure the side you are going to pour resin on does not have a paper or plastic coating! If there is a plastic layer on both sides, peel off one side.
3. Put the coasters on the top of disposable takeaway containers or plastic cups to elevate them so the resin can flow over the edges (*takeaway containers and plastic cups not included in this kit*).
4. Wearing gloves, pour 60ml of Part A Clear Coating Resin into the large measuring beaker.
5. Pour 60ml of Part B Clear Coating Hardener into the large measuring beaker.
6. Mix carefully for 3 minutes, ensuring both parts are fully combined. Scrape the sides of the mixing cup and stick to ensure it is fully combined as unmixed parts will not cure.
7. Keep 30ml of clear resin in your beaker aside and pour 30ml amounts into smaller measuring cups so you can make multiple coloured batches.

Once mixed, Clear Coating Epoxy has approximately 38-45 minutes working time at 25 °C ambient temperature.

Adding Pigments:

Opaque Paste Pigments

These pigments are highly pigmented, they will not cure unless mixed into resin and can be messy! You do NOT need to add a lot, a pea size drop is sufficient. Adding too much pigment can inhibit the cure of your resin.

8. Dip a mixing stick into each pigment and mix thoroughly in the small cups of resin.

Tip: If you need to add more paste pigment, use a clean mixing stick.

Pearl Ex Powder Pigments

Pearl Ex powders are rich, non-toxic colourfast powder pigments. A scoop about the size of a fingernail will give a rich pearlescent colour.

9. Add two small scoops of gold pigment into the resin and mix thoroughly for a uniform colour.

You are ready to experiment with resin art techniques!

Approx. 38-45 minutes from the start of mixing the resin, you will notice it “gelling”, thickening up and getting hotter. This means the resin has begun curing and will not self-level well anymore after this period if you manipulate the surface.

10. Pour a base layer of clear resin onto the coasters.

Resin Art Techniques:

These are easy techniques to try. There are plenty more techniques to explore and play with online, **check our YouTube for more inspiration!**

Marble Effect

Pour or dip a mixing stick into your coloured resin and pull the colours around. Dragging colours carefully as too much of this can muddy the colours.

Creating Cells: Swipe method

Pour lines or pools of coloured resin next to each other and, using a clean mixing stick or small cut piece of baking paper, drag a layer of resin over the other colours to create the popular cell lacing technique. This technique can also be achieved by using the air from a heat gun to push the resin around.

11. As air bubbles begin to rise to the surface of the resin, use a small blow torch or heat gun to warm the surface and pop them. Do not hold the heat gun on any area for longer than a second and keep it moving to prevent burning your resin.

Clean up:

Cured Resin

Allow the resin to cure and after 24 hours simply press and flex the sides of your mixing cups and allow the resin to crack and pop out! Cured resin will not stick to baking paper your workstation covering can be wrapped up and disposed of in a bin.

Uncured Resin

Wipe up the bulk of it with a paper towel and then wipe it over with Isopropyl Alcohol to remove the last residue.

Finishing Your Piece

Peel the plastic off from the underside of your coaster once the resin has set and you will be left with a clean back.