

Instructions

Please read these instructions in their entirety before starting your project.

Attention to the instructions for your project (casting vs. coating) and **BOLD TEXT**.

1. Set up: Find a well ventilated, dust free area to set up your resin pour. The temperature should also be mild (in the 70 - 80°F range, **65°F minimum**) for the resin to cure properly. Lay down a plastic drop cloth to protect your table/floor. You should also have:

- rubber gloves
- protective eyewear
- respirator mask (recommended)
- paper towels
- mixing sticks (wood, plastic or silicone work well)
- plastic cups for mixing (graduated optional)
- precision scale (optional for measuring of parts)
- prepared mold (optional)
- foam brush (for table coatings)
- lacquer thinner (for cleanup).

2. Instructions:

1. Figure out roughly how much resin you will need for your entire project (including all the different colors where applicable) *refer to the coverage info at the end of this document to calculate how much resin is needed when coating a table or bar.* **Note: it is always better to have a little extra resin left over than it is to have to mix up another batch mid-project.**
2. Pour **equal** parts resin (A) and hardener (B) into two cups.
3. Pour both cups' contents into a third mixing cup. **It is normal that you feel the cup get hot because it is a fast dry type resin and is a result of the exothermic reaction.**
4. Mix the resin thoroughly (3 - 5 minutes **or until there are no "streaks" left in the resin**), scraping sides and bottom of the cup as you stir. *Note: to virtually eliminate the risk of soft spots, pour your mixed resin into a new cup and stir for another 20-30 seconds OR until all the streaks are gone. Transferring the mixture to a 4th cup helps to eliminate the possibility of unmixed resin from the sides or bottom of the first cup that cause soft spots. (it's free insurance, so please do this!)*

5. You can now pour this mixture as is for a clear finish or you can mix in any color or glow pigments. If you are using more than one color, pour the clear resin from the mixing cup into new cups for each color and stir in the pigments.
6. Now you should quickly pour your resin into your mold, onto your canvas or table. Cover your work with a drop cloth, plastic bin, cardboard box, etc to keep dust off of it. Come back in 5-10 minutes to check for air bubbles. For smaller castings, bubbles can be popped with a toothpick.

Your finished casting can be removed from the mold after 10 hours, and will be fully cured after 24 - 48 hours depending on different weather.

PS: Our resin will be thicker or have a higher density because of cold weather. We suggest that you warm the resin before you do your project in order to get perfect results.

Just put the bottle into the warm water around 176°F within 2-3 mins.

Note: Our resin cannot cure within 8-10 hours for small crafts like earrings or pendants and may need the full 24-48 hours to be completely cured. Our resin is specially formulated so that the more resin is combined, the more heat produced to speed up the curing time.

Table/Bar Coating Specific Instructions:

1. Place a drop cloth underneath your table or work area and verify that the table is level.
2. Wipe the table top off with a damp rag and allow it to dry completely.
3. It is recommended to seal porous surfaces such as wood with a thin coating of the mixed resin using a squeegee or foam brush prior to doing the main pour. Let cure for 6 hours. (if your surface is not porous or has already been sealed, you can skip this step)
4. Create a barrier of masking tape or painter's tape around the edges of the table top if the top does not have a raised rim of its own. Press the tape in place around the entire table top with the tape sticking up at least half an inch.
5. Place the objects you wish to trap in the resin on the table top surface. Keep in mind that pouring the resin may move objects so you should affix light objects like photos with a glue stick. While the glue is wet, use a roller or a smooth round bottle to get air bubbles out from underneath the print. A glue gun can be used for coins and bottle caps.
6. Mix enough resin to create a thin coating at a maximum thickness of ¼" (use the chart below as a guide). If you need to pour several layers for additional thickness, wait for each layer to cure for 6 hours prior to pouring the next coat. Subsequent coats beyond 24 hours require a light sanding with 220 grit sandpaper. After sanding, wipe down the surface with a solvent such as denatured alcohol or acetone.

Note: Larger pours may require mixing for more than 5 minutes and it is recommended to not mix more than 1 gallon at a time. Pour a thin layer of the resin mixture onto the top, pouring slowly in a thin stream onto the center of the top. Fill any indents or flaws in the table's surface with the mixture by using a foam brush to guide the resin into these indentations.

7. Continue pouring until the entire table top is coated. After a few minutes air bubbles may rise to the surface, use a propane torch (on low flame) or a heat gun to blow the bubbles out. Hold the torch approximately 8 inches from the surface and use a gentle place for too long as this can permanently damage the surface or coating. Do not use a torch on surfaces that might be flammable (i.e. paper, plastic, etc.)

Warning: excessive heat can also cause the resin to overheat, bubble and cure prematurely in the overheated area.

Second and subsequent pours:

1. Allow the first coat to cure for 6 hours before making a second pour. Remove the tape rim from the perimeter of the table and create a fresh masking tape rim around the table top.
2. Mix a fresh batch of resin, making a slightly larger batch than before.
3. Pour the resin mixture slowly onto the tabletop until the entire top is coated. Apply additional coats as desired, allowing adequate curing time between coats and using a fresh rim of tape each time.
4. After applying the final coat, allow the table to cure for 24 hours. You can spray your cured epoxy table with a UV resistant acrylic for added protection against the outdoor elements though all epoxy resin will eventually yellow after prolonged UV exposure. We recommend you allow the tabletop to cure and harden for 5 days before placing objects on it.

Have any questions or concerns?

If you love our products, we would really appreciate a review. Thank you!

Coverage (for bar/table coating and resin paintings)

Size (oz/gal)	Surface Area (ft ²)	Coating thickness (in)
16oz	3 ft ²	1/16"
32oz	6 ft ²	1/16"
64oz	12 ft ²	1/16"
1 gal	24 ft ²	1/16"
2 gal	48 ft ²	1/16"