

EPOX-IT DEEP POUR INSTRUCTIONS

Important: It is most important that both resin and hardener are thoroughly mixed with a flat sided stir stick. Sides and bottom of container must be scraped while mixing. Product will not cure properly and will be soft or sticky if mixing instructions are not carefully followed.

Do not delay pouring the material and never scrape out the last few ounces from the mixing container, this could dislodge unmixed material from the walls and leave soft spots. Epox-It Deep Pour has a 6-month shelf life when stored properly, (closing containers immediately after use and storing at room temp.).

The workplace environment contributes to high quality work and safety. A dust free and well-lit mixing and casting area are fundamental, as well as adequate ventilation, and reasonable temperatures (65-75 degrees Fahrenheit). Always take precautions and wear recommended safety equipment (rubber gloves, protective eyewear, and apron), and have all equipment and tools ready and positioned for use. Suggested tools include: Mixing cups, stir sticks, rags, drop cloth, tape, foam brushes, resin, plumbers torch, scale, level, and lacquer thinner (for cleanup). Place a drop cloth underneath table or work area. Position the table and check for levelness. Wipe the table top off with a damp rag and allow to completely dry. Create a barrier around the edges of the tabletop if the top does not have a raised rim of its own.

Epox-It Deep Pour may not cure if the casting is less than 1/4" thick. This product is not designed for thin coatings or tumblers.

Cure Time is dependent on working temperatures along with the size and thickness of the casting. Larger castings will cure in 24 hours while medium and smaller castings may take up to 48 to 72 hours. Full cure can be achieved in 5-7 days.

The guidelines below should be followed to assure no yellowing or deformation in your casting.

Cast up to 2" deep when projects are less than 3' wide

Projects equal to or less than 3" wide can be cast up to 2" thick per pour. If casting is greater than 2" and less than 3" wide subsequent pours of 2" can be made. Allow 5-6 hours between pours or until the epoxy has cooled and is no longer in liquid form. When waiting more than 3 days between pours we recommend lightly sanding the top and wiping with denatured alcohol to assure good adhesion.

Cast up to 1" deep when projects are less than 6" wide

Projects equal to or less than 6" wide can be cast up to 1" thick per pour. If casting is greater than 1" and less than 6" wide subsequent pours of 1" can be made. Allow 5-6 hours between pours or until the epoxy has cooled and is no longer in liquid form. When waiting more than 3 days between pours we recommend lightly sanding the top and wiping with denatured alcohol to assure good adhesion.

Cast up to 3/4" when projects are greater than 6" wide

Projects equal to or greater than 6" wide can be cast up to 3/4" thick per pour. If casting is greater than 3/4" subsequent pours of 3/4" can be made. Allow 5-6 hours between pours or until the epoxy has cooled and is no longer in liquid form. When waiting more than 3 days between pours we recommend lightly sanding the top and wiping with denatured alcohol to assure good adhesion.

Cast up to 1 pint or 16 oz for Domes, Cubes, and Large Mass Encapsulations

DO NOT cast over 1 pint (16oz) of material at a time. Subsequent pours can be done when the previous pour has cooled, and the material is hard to the touch. When waiting more than 3 days between pours we recommend lightly sanding the top and wiping with denatured alcohol to assure good adhesion.

River Table Guide

Wrap your frame in "Tyvek Wrap". This will allow an easy release from your frame. When pouring your river table, we recommend you workspace temperature between **65-75 degrees Fahrenheit**. Cooler temperatures work better for bigger pours. We recommend doing 1" subsequent pours with your final coat being no more than 3/4". This assures no imperfections caused by high heat generation. **This is highly recommended for projects that require no final tabletop sanding.** If imperfections are visible, they can be fixed with a final coat of epoxy applied within 48 hours, no sanding required. Any epoxy applied after 48 hours requires a light sanding to improve adhesion. We recommend waiting 48 hours before removing your table from its frame.

Calculating Volume

Length x Width x Height / 25 = (x) lbs material needed

