

EPOX-IT DEEP POUR INSTRUCTIONS

Important: It is most important that both resin and hardener are thoroughly mixed with a flat sided stir stick, scrape the sides and bottom of container while mixing and avoid whipping in any excess air. Product will not cure properly and will be soft or sticky if mixing instructions are not carefully followed. Exceeding recommended casting thickness may cause Epox-It Deep Pour to over heat which could cause the casting to yellow, crack, or distort. 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.).

Prepare the environment: 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). The casting area and the Epox-It Deep Pour should be at room temperature (65-75 F) before using. Always take precautions and wear recommended safety equipment (rubber gloves, protective eye-wear, 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. To create a barrier/dam you can use pieces of wood covered in tyvek tape or aluminum tape around the edges of the tabletop, if the top does not have a raised rim of its own. Clamp the wood to the edges and use silicone caulk to fill in any cracks to prevent leakage. 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 48 to 72 hours. Full cure can be achieved in 5-7 days.

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.

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

Create your mold with wood or MDF board and use tyvek tape on the inside and bottom of the frame to prevent the epoxy from sticking. You can also seal the wood and use a carnuba paste wax or a release agent to prevent sticking. Use a silicone caulk to fill in any cracks or voids around the frame. When pouring your river table, we recommend your workspace temperature between 65-75 degrees Fahrenheit. Cooler temperatures work better for bigger pours. If imperfections are visible after cured, they can be fixed with a final seal coat of Epox-It 80 or you can use the Epox-It Deep Pour (minimum thickness of 1/4") applied within 72 hours. When waiting more than 3 days between pours we recommend lightly sanding the top and wiping with denatured alcohol to assure good adhesion. We recommend waiting 48-72 hours before removing your casting from its frame.

Calculating Volume

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

(1 Gallon Kit= 8.6 lbs)

Visit us on-line at www.spresin.com for safety data sheets, videos, and discount pricing

