

# Coating Tables and Bar Tops with Epox-It 80

**Important:** It is most important that both resin and hardener are thoroughly mixed together 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. Don't 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 80 has a 6 month shelf life when properly stored, (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 (70-80 f ). 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, masking tape, foam brushes, duct tape, resin, plumbers torch, scale, level, and lacquer thinner (for clean up).

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 of masking tape or painter's tape around the edges of the table top if the top doesn't 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 above.

It is recommended to seal porous surfaces such as wood with a thin coating of Epox-It 80 using a squeegee or foam brush. Let cure for 6 hours. If your surface is not porous or has been sealed you can skip this step.

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. You should affix light objects like photos with a glue stick. While 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 other objects such as coins.

Carefully measure out equal parts of resin by volume and mix vigorously for 3 minutes until no swirls are seen, being sure to scrape the sides and bottom thoroughly and remixing. Mix enough to create a thin coating at a maximum thickness of 1/4". You may want to pour several layers. Wait for each layer to gel 6 hours prior to pouring the next coat. Subsequent coats beyond 48 hours require a light sanding with 220 grit sandpaper. After sanding wipe down surface with a solvent such as denatured alcohol or acetone. Note: Larger pours may require mixing 5-6 minutes, 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 it slowly in a thin stream onto the center of the top. Fill any indents or flaws within the table surface with the mixture, using a foam brush to guide the resin into indentations. Continue pouring until the entire table top is coated. After a few minutes air bubbles may rise to the surface, use a propane torch (low flame) to blow the bubbles out. Hold the torch approximately 8 inches from surface and use a gentle sweeping motion across the surface until bubbles are gone. The torch should never be held in one place for too long as this can permanently damage surface and coating. Do not use a torch on surfaces that may be flammable such as paper. Allow resin to dry for 6 hours before making a second pour.

Remove the tape rim from the perimeter of the table top. Create a fresh masking tape rim around the table top and mix a fresh batch of epoxy resin, making a slightly larger batch than before. Pour the resin mixture slowly onto the table top 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.

Allow it to dry 24 hours. Spray your cured epoxy table with a UV resistant acrylic for added protection against the outdoor elements. It is recommended to allow the table top to cure and harden for 5 days before placing objects on it.

## Coverage

16 oz coats approximately 3 sq. feet @ 1/16" thick

32 oz coats approximately 6 sq. feet @ 1/16" thick

64 oz coats approximately 12 sq. feet @ 1/16" thick

1 gallon coats approximately 24 sq feet @ 1/16" thick

2 gallon coats approximately 48 sq. feet @ 1/16" thick