

How-to Apply DCI 100% Epoxy Countertop Sealer

DCI 100% Epoxy Countertop Sealer is a protective clear finish, two-component epoxy resin. The Part A component must be thoroughly mixed into the Part B component for the material to properly cure and provide a durable, long-lasting finish. For best countertop results, top coat the epoxy with the 500 Polyurethane Sealer. Epoxy will abrade and discolor over time if the polyurethane coat is omitted.

Safety First! Apply this product with gloves, goggles and a dust mask. Proper ventilation to the outside is required while applying. For best results, apply sealer at temperatures between 65F-95F and when the relative humidity is 80% or less. The sealer itself must be above 65F before installing.

Surface Preparation: All surfaces should be clean, dry and free of any debris prior to application. Apply to countertops with a 60-100 grit profile using sandpaper or 200-grit with diamond polishing pads. Sand pre-cast countertop surfaces poured on a melamine mat before applying. Sand down or fill with slurry all "pinhole" air pockets or voids in the countertop surface prior to application. If pinholes persist, apply a DCI Water Based Sealer primer coat prior to the epoxy coating to reduce surface air bubbles.

Contents: .375 Mini Kit includes Part A resin and Part B hardener containers, one hand-held 3/8" nap roller and one wooden stir stick. Add a 12 inch 10 mil notched squeegee for an even sealer depth and smoother finish.

Optional Equipment: A general purpose paint brush and/or hand held squeegee

Coverage: When properly applied to a smooth surface, each mini kit will cover up to 50 sq. ft. Coverage will vary with surface conditions.

Adding Metallic Pigment: Pour all or part of the contents of the 2oz. container metallic pigment into the resin and carefully fold the metallic into the resin using the wooden stir stick. Stir for at least 2 minutes until completely combined. Allow metallic pigment and resin mixture to rest for 5 to 10 minutes and stir again for good suspension before adding the hardener. Add the hardener to resin and thoroughly mix according to the mixing instructions below. Working with metallic pigment in epoxy is a creative process. Use more or less metallic pigment to create surface designs or expose more of the countertop base color.

Mixing Instructions: As a two-part system, Part A must be thoroughly mixed into Part B in order for the material to properly set up for application. Mix 2 parts "A" to 1 part "B" by volume for smaller projects. Immediately replace each lid tightly. For larger countertops, add the Part A into Part B and begin to mix with a wooden stir stick. Mix completely; fold the material over onto itself and carefully scrape the sides of the can to assure nothing is left unmixed. Stir for 2-4 minutes until totally combined. Once mixed, the pot life for the sealer is approximately 20-25 minutes at 75F so mix only what you can successfully apply in that period of time. Do not apply or continue to work the material after the pot life has elapsed.

Application: Please see application video on the [How-to Videos page](#) before beginning. After the sealer has been thoroughly mixed, Use a piece of packing or duct tape to "de-fuzz" the 3/8" nap roller prior to application. Pour a small

ribbon of sealer across the countertop surface careful to avoid dripping sealer over the edges. Using a 10 mil notched squeegee begin to gauge an even coat depth by pulling the squeegee across the face of the countertop. Pour more sealer as needed to cover and gauge the entire surface. With the handheld roller, gently roll the sealer into place against the squeegee application lines. Roll again in the opposite direction. Carefully wet the roller with sealer and apply along the edges without dripping or overlapping the countertop face. Repeat steps for a second wet coat. A 4" spiked roller is a helpful tool to break up air bubbles on the countertop surface should they occur. As a final step, gently roll the spiked roller up and down the countertop face covering the entire surface. Heat guns can also be used to deflate the bubbles before sealer begins to dry.

Drying Time: Surfaces sealed with DCI 100% Epoxy should cure for a minimum of 16 hours at approximately 75F before applying a polyurethane protective coat. Apply within 24 hours of the epoxy coat or wet-sand the surface with a 600-grit pad prior application to ensure good adhesion.

Clean-Up: The product can be cleaned prior to cure with isopropyl alcohol but can only be removed from fully-cured concrete surfaces using industrial paint strippers, such as the Soy Gel Paint and Sealer Stripper or by mechanical means. To remove sealer by sanding, wet sand with a 120-220 grit pad or use dry non-loading sandpaper. Leftover product, brushes, paint trays, or roller covers should be responsibly discarded after use.

Maintenance and Cleaning: Surfaces sealed with 100% Epoxy and Polyurethane coatings are relatively low maintenance and should be cleaned as needed with a mild dishwashing

soap solution and water. DO NOT place hot cookware or cut food on the directly on the countertop surface at any time.

Warning: DCI 100% Epoxy Countertop Sealer should be applied wearing gloves, goggles and a dust mask. Do not apply in an enclosed area without proper ventilation to the outside. Should accidental contact with the skin or eyes occur, flush thoroughly with fresh water for at least 15 minutes. If swallowed, do not induce vomiting and contact a physician and/or the Poison Control Center immediately.

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