

How-to Apply 500 Solvent-Based Polyurethane Concrete Countertop Sealer

500 Solvent-Based Polyurethane Sealer is a protective clear finish, two-component urethane resin. The Part A component must be thoroughly mixed into the Part B component for the material to properly cure and provide a highly durable, long-lasting finish.

Safety First! Apply this product with gloves, goggles and a dust mask. 500 Solvent-Based Polyurethane Sealer contains solvent and proper ventilation to the outside is required while applying. Turn off any pilot lights in the immediate area during application and cure time. Do not smoke.

For best results, apply sealer at temperatures between 60F-95F and when the relative humidity is 80% or less. Do not apply to countertops that have been exposed to direct sunlight as the surface temperature will be significantly warmer than the ambient temperature. The sealer itself must be above 60F before installing. Never allow the product to freeze.

This product can also be sprayed from a HVLP Gravity Feed Spray Gun for a finer finish. Mix the product normally and 20% xylene to thin for spraying.

Surface Preparation: All surfaces should be clean, dry and free of any debris prior to application. Sand down or fill with slurry all “pinhole” air pockets or voids in the countertop surface prior to application. Surface should be polished to no more than 200-grit prior to sealing.

Contents: Kit includes Part A and Part B Polyurethane containers, one hand-held 3/8” nap roller and one wooden stir stick

Optional Equipment: A chip brush for hard to reach areas and/or a HVLP Gravity Feed Spray Gun with compressed air if spraying.

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

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. From smaller batches, mix 2 parts “A” with 1 part “B”. Pour Part A into Part B and begin to mix with a paint 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 30 minutes.

Application: PLEASE SEE APPLICATION VIDEO BEFORE BEGINNING. Use a piece of packing or duct tape to “de-fuzz” the 3/8” nap roller prior to application. Pour a small amount of sealer onto 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. If spraying, dilute sealer and apply an even coat to the countertop surface. Depending on

temperature and humidity, allow 1-3 hours of dry time before applying an additional coat.

Note: If a second coat should be deemed necessary, apply within 24 hours of the first coat or wet-sand the surface with a 600-grit pad prior application to ensure good adhesion.

Drying Time: Surfaces sealed with 500 Solvent-Based Polyurethane Sealer should cure for 12 hours at approximately 75F before use. Allow for additional drying time if high humidity is a factor.

Clean-Up: 500 Solvent-Based Polyurethane Sealer can be cleaned prior to cure with isopropyl alcohol. The sealer can only be removed from fully-cured concrete surfaces using industrial paint strippers or by mechanical means, such as grinding or sanding. Leftover product, brushes, paint trays, or roller covers should be responsibly discarded after use.

Maintenance and Cleaning: Surfaces sealed with 500 Solvent-Based Polyurethane Sealer are relatively low maintenance and should be cleaned as needed with a mild dishwashing soap solution and water.

Warning: 500 Solvent-Based Polyurethane Sealer should be applied wearing gloves, goggles and a dust mask. Do not ever apply or spray 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.