

How-to Apply DCI Single Component Polyurea Concrete Sealer (Floor Application)

DCI Single Component Polyurea Concrete Sealer is a clear, fast drying, high gloss single component roll-on, UV-stable, cross-linking polyurea coating suitable for indoor and outdoor use. DCI Single Component Polyurea Concrete Sealer creates a top coat that provides a durable, chemical, impact and abrasion resistant surface suitable for a variety of interior or exterior applications with an expected longevity of 3-5 years depending on traffic, conditions and location.

Surface Preparation: Surface must be structurally sound, clean, dry, and free of oils, grease and other bond inhibiting contamination. Failure to adequately prep the surface could result in the product delaminating from the surface. Release agents, efflorescence and curing compounds must be removed from the surface prior to application. Concrete surfaces should be profiled to at least a 200-grit level or should readily absorb water before applying to ensure good mechanical bonding. Older, weather eroded concrete is not a good candidate for this product. This product will become slippery when wet on smooth-finished outdoor concrete. Applying to hot concrete surfaces 85-90F or above, such as a patio in the sun, will result in premature drying and a poor finish. To avoid a milky or cloudy appearance, do not apply to damp concrete or use wet applicators. Do not apply in periods of high humidity or when precipitation is expected during application or drying time is complete. If uncertain about water vapor emission particularly in a basement, perform water test by firmly adhering plastic to the concrete and evaluating for condensation. Do not apply if condensation is present on the underside of the plastic.

Equipment Needed: One non-shedding 3/16" nap solvent-resistant roller on a 9" frame with an extension pole, duct or packing tape for de-fuzzing roller and one paint tray.

Application: USE IN A WELL VENTILATED AREA. Always wear respiratory equipment during application when spraying and/or working in confined spaces. DCI Single Component Polyurea Concrete Sealer can be thinned 10% mineral spirits for easier application. Apply one 4-5ml thick coat using a 3/16" nap roller. Thoroughly "de-fuzz" the roller prior to application using duct or packing tape. The material may be squeegeed for a smoother finish, but avoid overworking or streaks may appear. Product can be sprayed using an airless sprayer or a cup gun. Thin the sealer with odorless mineral spirits up to 10% to spray.

Prevent moisture contact with surface or tools during application or dry time. Keep dust and debris from landing on a wet surface. Once the can has been opened, the product should be used as soon as possible.

To achieve good mechanical bonding on surfaces previously sealed with polyurea and acrylic sealers, the concrete must be scuffed with a 200-grit pad and 400-grit for an epoxy finish prior to applying a polyurea sealer coat. Clean the concrete with acetone after profiling for best results. Do not apply to previously sealed surfaces without abrading.

Coverage Rate: Approximately 225-275 sq. ft. per gallon depending on surface conditions. Rougher, more porous concrete will decrease the coverage rate.

Drying Time: Allow surfaces sealed with DCI Single Component Polyurea Concrete Sealer to cure for 6-12 hours prior to light foot traffic and 48-72 hours prior to wheel traffic and parking on the surface. Allow for additional drying time if high humidity is a factor.

Clean-Up and Disposal: The product can be cleaned prior to cure with acetone and 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. Handle acetone with care and avoid open flames. To remove sealer by sanding, wet sand with a 100-grit pad or use dry, non-loading sandpaper. Leftover product, brushes, paint trays, or roller covers should be responsibly discarded after use.

Storage and Cleaning: Store in a dry, temperature controlled. Keep away from open flames and high temperatures at all times. Surfaces sealed with DCI Single Component Polyurea are relatively low maintenance and require no waxing. Floors should be cleaned as needed with a mild dishwashing soap solution and water.

Warning: Safety First! USE IN A WELL VENTILATED AREA. Wear respiratory equipment during application when spraying and/or working in confined spaces. Apply wearing gloves, goggles and respirator if indoors. Should accidental contact with the skin or eyes occur, flush thoroughly with fresh water for at least 15 minutes. Seek medical attention as needed. If swallowed, do not induce vomiting and contact a physician and/or the Poison Control Center immediately.

Direct Colors Inc. 430 E. 10th St. Shawnee, OK 74801 877-255-2656 | 405-275-6657
info@directcolors.com | www.directcolors.com