

DECO-POZtm

Installation Guide

System Kit:

- [1] Gallon DECO-POZ Polymer Concentrate
- [1] 50 lb Pail DECO-POZ Cementitious Mix
- [Coverage approximately 150-200 sq. ft in two coats per kit depending on surface texture, porosity and application method]

Compatible for interior, exterior, and vehicular traffic areas. It may be applied to most vertical or horizontal substrates with the appropriate application tool.

Tools & Supplies:

Tools and equipment requirements are largely dependent on the project. Common to most projects are: lid openers, mixing motor, mixing paddle, eye goggles, particle mask, polyethylene sheeting (and/or rosin paper), duct or reinforced tape, graduated measuring containers, empty containers for mixing and cleanup, gloves, rags and fans to accelerate drying if required. Application tools depend on the project, and include squeegees, hopper guns, trowels, drywall knives, brushes, and textured rollers. Suggested prep, cleanup and trimming tools include: scrapers, drywall knives, hammers, chisels, brooms, blower, dustpan, and vacuum. Additional specialty tools may be necessary, depending on the type and extent of preparation required.

Surface Preparation

Surface must be clean and dry (**Deco-Poz**TM mixture will not adhere to damp or wet surfaces). Remove surface bumps and imperfections with scrapers. Vacuum or sweep up loose dirt, dust and debris.

Caution: Although **Deco-Poz**TM mixture will bond tenaciously to foreign materials stuck to the substrate keep in mind that the ultimate bond-strength of the resurfacer can only be as strong as the bond and the strength of the foreign material. Remove all materials that are soft, flaky, dusting or chalky. Remove all materials that may have low internal strength (e.g. bond-breakers, form release agents, gypsum-based materials); and remove all materials that may have a weak bond to the substrate.

If glossy coatings or surfaces are to be resurfaced they should be roughened by sanding or grinding to provide a suitable bonding surface. Standing surface oil or grease requires special attention. Scrape and/or wipe surface as clean as possible. Scrub area with an industrial or laundry-type detergent. Rinse well with clean water. After the surface has dried completely, application may begin.

Protect all surfaces not intended for resurfacing with reinforced tape and polyethylene sheeting (or rosin paper). **Deco-Poz**TM mixture sticks tenaciously to most everything. Should **Deco-Poz**TM mixture get on surfaces unintentionally, remove IMMEDIATELY with water and rags. If allowed to harden, removal may not be possible without damaging the surface.

DECO-POZ Mixing Instructions

Full Kit Mixture: Mix [1] gallon **Deco-Poz** Polymer with [1] gallon clean water in an empty 5 gallon pail. Mix well with mixing blade. Then, gradually pour the **Deco-Poz** Mix into the Polymer while mixing. Mix until all clumps are dispersed and the desired consistency has been reached. Depending on environmental conditions, you may have to lessen or add water to achieve the desired consistency.

Partial Kit Mixture: Mix [1] part **Deco-Poz** Polymer with [1] part clean water in an empty 5 gallon pail. Mix well with a mixing blade. Then gradually pour the **Deco-Poz** Mix into the Polymer until the desired consistency is reached, which is usually about 3-5 parts Mix in volume.

Note: Applicator must determine the suitability of mixture consistency with method and purpose of application. For example, mixtures to be "painted" on should have a paint-like consistency; and crack repair mixtures should be thick, like masonry mortar.

Deep Fills:

Deep cracks, non-moving joints, pits and potholes can be repaired during prep with **Deco-Poz™** mixture. A thicker mixture works best. Continue to add Deco-Poz Mix into the Deco-Poz Polymer until the desired consistency is reached, fill the repair area with mixture; trowel smooth; and let it harden before beginning squeegee spreading.

NOTE: *Moving cracks and joints should never be filled with rigid or semi-rigid materials.*

Precautions:

Do not allow **Deco-Poz™** mixture to air-dry on tools or equipment. Use **Deco-Poz™** mixture as soon as possible after mixing. Unused mixture left in mixing container should be kept in a cool place. Do not leave exposed to direct sunlight. Pot life is approximately 2 hours. If the unused mixture begins to thicken, return it to its original fluid consistency by remixing. If the mixture does not quickly return to its original fluid state, discard.

Application Instructions

Do not apply on frozen, damp or wet surfaces. Do not apply **Deco-Poz** mixture in air temperatures or on surfaces below 50° F.

Deco-Poz™ mixture will begin to dry and harden within a few minutes after spreading. Time to completely dry will depend on temperature and humidity.. Hardening will take longer in shaded areas and indoors, and in holes and cracks. Increased indoor ventilation (e.g. fans, moving air) will shorten drying time. Application should be made with tools suited for the project. Start with small amounts of mixture until familiar with its handling. After application, IMMEDIATELY clean all equipment with water or with soap and water.

Perimeters. It is recommended that corner and perimeter areas receive application first. Pour an amount of **Deco-Poz™** mixture on the surface. Start with smaller amounts until familiar with its handling. **Deco-Poz™** mixture should be spread around the perimeter with a 12-inch drywall knife or similar tool. If necessary smaller tools may be used in hard-to-reach areas.

Squeegee spreading. After applying to perimeter, pour enough mixture on floor so that the squeegee in a straight "pull" motion, or in a gentle, even side- to side motion. You don't have to bear down on the squeegee. Let the weight of the squeegee do the work, guiding it with your hands and arms. Keep a "clean" squeegee by occasionally tapping it on the floor to knock off excess mixture. The proper "feel" of squeegee spreading can be described as "trying to gently scrape the mixture off the surface". It won't scrape off, but will spread a thin coat exactly as it should be. Areas with excess mixture or large squeegee marks can be resqueegeed, but don't worry about getting it perfect – trimming is easier later on.

Bare spots. If bare spots occur during spreading, just push some mixture into these spots with the squeegee, and continue spreading. If this happens frequently, not enough mixture is being spread.

End of squeegee-run. Pick up excess mixture and at the end of a squeegee-run. Smooth the mixture to a "zero" edge with a trowel or drywall knife to prevent overlap marks on the next run.

As soon as a coat has been completed, pick up excess material, and put tools in water for the next coat, or for later cleaning. Drying time will depend on temperature, humidity and type of cement used, but will begin within minutes after spreading. For faster drying, use fans.

Trimming and finishing. After each coat, and as soon as it can be walked on without leaving marks, the coating should be "trimmed" to remove lumps, bumps and squeegee marks. Floor scrapers and drywall knives are effective tools for trimming. If the coating is allowed to dry to its ultimate hardness, trimming may require the use of a power sander or grinder. For Extra smooth surface, the last coat can be smoothed with a floor sander using a coarse (16 or 20 grit) sanding disc.

Post Application Protection

Protect treated surfaces from exposure to water for 24 hours. Water may cause a white film to form on the surface. This affects appearance only. Adhesion and durability are not affected. Unless a floor covering is to be installed over **Deco-Poz™** our stain and sealer options will protect it against staining. **Caution:** If installing stains or coatings other than the ecoprocote brand, test a small area as some solvent-based coatings may soften **Deco-Poz™**.