

How To Apply:

One Coat, Rainforest, Mountain and Bio Poly on Concrete Countertops



Remember:

- Strip & Clean Surface
- Wipe on, Wipe Off
- Coat a day for 2-3 days
- Buff to a Polished Sheen

General Instructions Overview

Clean Surface properly. Make sure concrete is raw and dry and ready for coating. Dilute up to 16oz per gallon if needed with Pure Citrus Solvent. Add color as desired. Use multiple colors if desired. Use a rag and push product into surface. Buffing the material deep into the concrete. Apply a coat a day for three days. Buff in between coats with a dry rag or sandpaper. Polish after final coat is dry. Can be used lightly next day, heavy use 1 - 3 weeks. Vegetable Oil Soaked rags can self ignite if left bunched up, or left in the sun. Lay flat to dry or soak in a pail of water.

Surface preparation

Allow concrete to cure 30 days if possible. Wash off all salts, efflorescence that arise during curing. Remove dirt, grease and any other contaminant using mechanical or chemical method. Cleanliness of concrete dictates the strength of bond. ASTM D-4260 Standard Practice for Acid Etching Concrete or ASTM-D-4258 Standard Practice for Surface Cleaning Concrete for Coating should be consulted prior to finishing. If unfamiliar with concrete coating, consult a concrete professional before commencing work.

Acid Wash, Shot Blast or Grind surface for the best results. Remove all coatings including "Cure & Seal" which is commonly sprayed on concrete after pouring to minimize cracking. This Cure and Seal will prevent proper absorption and must be stripped off.

To avoid grinding or acid etching concrete you must at least scrub with a strong cleaner. On **raw** concrete with **no previous coatings** Citrus Solvent Cleaner does a good job. Use a Black coarse pad on a orbital sander. Soak concrete with Citrus Solvent Cleaner diluted 50% with water. Wash vigorously with coarse black pad on machine. Can also use a scrub brush or screen. Rinse thoroughly with water and wet vac residue. Do this twice. and make sure there are no surface salts that have arisen to the surface. Make sure there is no micro fine dust that often persists after scrubbing. Clean surface very, very well. Rinse and wet vac until clean. Good PREP is essential.

Allow to dry thoroughly.

Apply first coat in a small inconspicuous area to assure the concrete is ready and that it looks the way you want it to look. When confident with this test, procede.

Wear approved NIOSH respirator, safety goggles, gloves and protective clothing whenever exposed to dust or chemicals of any sort.

Application

Tint product to any color but realize that concrete must absorb the color. Unlike paint, the porosity of concrete determines the final outcome of color. **If the surface is not porous color will not go in.** Exact color matches seldom if ever happen when staining concrete. This is similar to wood staining in that every surface has a different base color and porosity. These factors have greatly effect color outcome. Test first to be sure.

Sand with orbital sander to desired surface smoothness. Remove all dust.

First Coat: Mop, Brush or Wipe on a heavy coat, pushing into the surface. Wipe off excess immediately until surface feels smooth. Do not leave any excess on the surface! Let it soak in and harden. Then lightly sand and recoat the next day.

Allow overnight dry.

Second Coat: Lightly sand between coats with 600-1000 grit sandpaper. Don't burn through stain. Clean if needed. Apply second coat. Thinning this coat may be helpful. One quart of Citrus Solvent to a gallon usually works well. Follow same procedure as for the first coat application.

Apply **third coat** if desired in same manner.

Polish:

2-3 coats are generally all that a surface will take of these pure resins. After the final coat is dry, come back the next day with a polishing pad. Go over the surface with this for a great polished finish. The surface should look fantastic at this point and be very, very durable.

Concrete Staining Note:

Different colors can be added to the different layers for a decorative effect with depth. Scraping or grinding between coats can also cause great decorative nuances. For example a rust color first coat scraped with a very transparent brown top coat overlaid can make a stunning patina effect that is rich and natural looking.

There are hundreds of color combinations to sample. Often the second coat will have very little color added so that it is very transparent. Experiment on some sample peices or pavers before trying on a job.

Pigment Shuring:

These products provide an excellent concrete stain similar to acid stain in its variation, coloring and depth.

As with any stain, If heavily pigmented product is being applied the pigment may require 1-3 days to set firmly into place before being rewet or sanded. Test the color beforehand so there are no surprises on the second coat application. If the pigment is loosened up when rewet during the second coat, simply give it an extra day or two to set up. Generally, this is not an issue but the user should be aware of the potential. Always Sand lightly over stained areas so the color doesn't get burned through.

Spot Maintenance

Depending on the color that is used the surface can often be walked on immediately. This should be avoided if possible since it is possible to darken sections by pushing the coating deeper in one area than the other. Allow an overnight dry before light foot traffic and 1-3 weeks for heavy traffic. After a month the surface will be extremely tough.

As time goes by and the surface gets worn Spot Maintenance can be done without any real downtime of the surface. Simply clean the surface with Citrus Solvent Cleaner diluted 1/4 cup per gallon. When Dry, wipe on some leftover product and wipe it off. This will leave high traffic areas protected and refreshed. It will also initiate the petrification effect that is engineered into our finishes. A surface maintained like this could last hundreds of years and look great.

Clean Up

Use Earthpaint Citrus Solvent Cleaner diluted in water for the safest biodegradable clean up. 1 cup to a half gallon is very strong and will clean hands and brushes. Rinse brushes with pure citrus solvent for best results. Mineral Spirits is a petrochemical solvent that we stopped using in 1991.

Recycle

Containers are a leading contributor to landfill mass. Recycle containers whenever possible. Earthpaint reuses and recycles containers. Clean containers can be reused by Earthpaint Inc. Call for more information.

Cautions

Health Precautions: Use in adequate ventilation. Avoid breathing vapors or spray mist. Can cause skin, eye and lung sensitivities or irritation. Use NIOSH approved respirator. Wear protective clothing, gloves, and goggles. Flash point above 115

F. Do not ingest. If irritation occurs contact physician. Contact **Nationwide Poison Center Hotline: 1.800.222.1222**

SPONTANEOUS COMBUSTION WARNING:

Linseed oil damp or soaked rags or paper stored in dry containers or in piles can self ignite. Soak in water in metal containers, rinse well, dry flat in open air and then compost. It is against the law to dispose of liquid paint or paint products into sewers or land fill.

LIMITED WARRANTY

Earthpaint Inc. warrants that this product meets Earthpaint Inc.'s manufacturing specifications. If this product does not meet these specifications, Earthpaint Inc. will, at its option and upon proof of purchase, either furnish an equivalent amount of new product to you or refund the purchase price of this product. In no event will Earthpaint Inc. be responsible for (1) labor or the cost of labor for removal or application of any product; or (2) any incidental or consequential damages, whether based on breach of express or implied warranty, negligence, strict liability or any other legal theory. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Terms of Use:

Instructions are to be used at the users best discretion. These instructions are intended as an aid to finishing countertops with natural materials. The entire scope of finishing countertops cannot be covered here. The techniques described should be practiced before implementation. It is up to the user to insure that safe practices are followed. Earthpaint Incorporated can in no way be held liable for the implementation of the described techniques. Consequential damages due to application of the products listed herein are in no way the responsibility of Earthpaint Incorporated. It is up to the user to insure that the methods outlined herein are practiced and understood before application.

Always test for personal sensitivities and preferences in small inconspicuous areas before application to the entire surface.

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