# DECOPOXY



## PRODUCT DESCRIPTION

DecoPoxy is a water borne, low VOC penetrating epoxy coating that has been specifically formulated to protect interior commercial or residential cementitious floors. It provides a high gloss, wear and chemical resistance, and an easy to maintain finish, while bringing up the full depth of color on decorative floors.

## USES

- Interior use only
- Ideal for commercial applications.
- Use on architectural concrete or uncolored concrete
- Use cementitious overlays
- Great for acid stained floors

## FEATURES

- Wet look/high gloss
- 35% Solids
- < 100 g/L VOC as mixed
- Can be used as a primer for Polyastic & Uremax
- Low Odor
- Color enhancing
- Dries clear
- Chemical Resistance

## COVERAGE RATES AND PACKAGING

- Brickform DecoPoxy is available in 1.5 gal kits
- Approximately 400 to 500 square feet (37.16 to 46.45 m2) per kit depending upon porosity of the surface.

## STORAGE & SHELF LIFE

- Store in a safe place. Keep containers tightly sealed and keep from freezing.
- Shelf life is approximately 24 months.

## USE & APPLICATION

### PRECAUTIONS:

For interior use only. Always test a small area to verify compatibility, protection and appearance. Brickform strongly recommends the use of a Moisture Vapor Evaporation Rate test in accordance with ASTM F1869. Results should not exceed 5 lbs. per 1000 $ft^2$ per 24 hours based on the recommended test period. Apply only to concrete placed on well-drained sub floors and not subject to hydrostatic pressure. Rising moisture may bring alkali and mineral deposits to the surface at cracks and joints edges leaving a whitish film on the surface. Entrapped moisture may cause whitening of the sealer, mineral deposit buildup and delamination. Not recommended for dense surfaces. Floor temperature must be between 50° F and 92° F during application.

**USE WITHIN TWO HOURS OF MIXING;** discard mixed material after 2 hours even if it remains in a liquid state.

### PREPARATION:

- Surface preparation is the most important process when using any topically applied product available from Brickform. Brickform follows the surface preparation techniques recommended by the International Concrete Repair Institute outlined in its Guideline No. 310.2R Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays. This Guideline is available at icri.org and Brickform highly recommends obtaining a copy and thoroughly familiarizing yourself with the various processes for accurately preparing concrete slabs.

- Unless noted in earlier sections of this Technical Information Sheet (TIS), the slab must be fully cured for this product to perform properly. Generally speaking, newly poured slabs must be at least 28 days old. The curing conditions including temperature and humidity have a dramatic effect on how fast or slow the slab cures. Cooler conditions will slow the curing process and these factors must be considered when determining whether a slab has adequately cured for the installation of this product.
- Surface preparation requirements are different for every slab and the installer must determine what process is appropriate for the slab they are working on. The recommended surface profile for Brickform sealers is a CSP 1 or CSP2 as defined by the Guideline 310.2R mentioned above. The application area must be profiled and then thoroughly cleaned. All grease, oil, stains, stain residues, rust, sealers, waxes and the like must be completely removed prior to application of the product. Mechanical removal of these may prove aesthetically displeasing. There are a number of stain and wax removers and enzymatic cleaners available either commercially or via the internet that work well in these situations.
- The use of Brickform E-Etch, a mild etching and cleaning solution, followed by Brickform's NeutraClean and clean water rinses may be appropriate for the slab. Please refer to the TIS for these Brickform products for proper use. See also the Brickform E-Etch video online at www.brickform.com.
- Acid etching with Muriatic (Hydrochloric) Acid solutions may be appropriate for slabs that require more aggressive etching and cleaning. Solutions as light as 1:20 (acid:water) to as heavy as 1:1 may be necessary depending on the slab finish. When acid washing, it is very important to protect surrounding areas from damage. Plant and animal life, certain finishes on houses, metals, and the like can all be negatively impacted if acid solutions are not used responsibly. Be sure and wear proper personal protective equipment when acid washing. Always pre-wet slabs that are to be acid washed and always neutralize the slab with Brickform's Neutra Clean following the acid wash.


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Do not allow acid solutions to dry on the slab as dried residues will prevent the sealer from bonding. See www.brickform.com for a video on How to Acid Wash Concrete.

- Other mechanical techniques such as grinding, scarifying, shotblasting or sandblasting may be necessary to prepare the slab. See www.brickform.com for other surface preparation techniques using mechanical methods. Old sealers and cure and seal products must be removed as well. Brickform's Strip-It is an alternative to mechanical methods for their removal. Please review the TIS for Strip-It prior to using this product.
- When using pressure washers to clean slabs, use equipment with a minimum of 3000 psi at 4 gallons per minute. Rotary floor scrubbers with black or red pads are effective for cleaning flat floors. When using rotary floor scrubbers on stamped slabs, nylon bristle brush attachments are necessary to reach imprinted areas effectively
- Once the slab has been profiled, all contaminants and potential bond breakers removed, and thoroughly cleaned, allow the slab to complete dry prior to application of the product.

### APPLICATION:

Once surface is prepared, dry and properly tested, apply DecoPoxy. For best results, empty B component into a separate vessel and mix thoroughly prior to adding to A component. Mix part A and part B (2 to 1 mix ratio by volume) pour into a mixing container and mix for a minimum of two minutes with a power drill and mixing paddle, failure to properly mix this coating may result in substandard performance, for better results use the entire contents of both bottles for adequate mixing ratio, if smaller quantities are mixed, make sure it is measured properly, always mix two parts Part-A to one part Part-B.

- DecoPoxy may be applied with an airless sprayer, 1/4" to 3/8" nap roller or painters' pad, an airless sprayer provides a smoother, glossier finish. On interior flat surfaces a painter's pad and/or a 1/4-nap roller may be used, evenly roll DecoPoxy and follow immediately behind and smooth out with the painter's pad, this eliminates roller marks and air bubbles.
- Two coats minimum are recommended. Allow drying for three to six hours and apply second coat, longer time may be needed in cold weather, wait until almost tack free before second coat, do not wait more than 24 hours to recoat. Always apply in multiple thin coats. If protective material will be placed on top of DecoPoxy, do not use plastic, use construction paper and do not tape anything onto the sealer, tape paper to paper. Placing tape directly on the sealer may cause moisture to rise to that area, possibly creating whitening of the film and/or delamination.

## MAINTENANCE

Clean routinely with Brickform's Neutra-Clean diluted with water and rinsed thoroughly. E-Etch can be used to remove some stains and hard water deposits. The surface should be inspected periodically for areas of thin or traffic-worn sealer. Brickform recommends the application of Premium Acrylic Floor Finish as a sacrificial coating on interior surfaces. Reapply as needed, be sure to follow The Technical Information Sheets for all Brickform Products.

## RECOMMENDED TOOLS & CLEAN UP

- Nap roller & brush
- Painter's pad

### CLEAN UP:

Clean tools and equipment immediately after use with clean water.

## COMPLEMENTARY PRODUCTS

- E-Etch- Cleaning and etching agent, efflorescence removal
- Neutra Clean – Cleaning and neutralizing agent

## SAFETY & PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Safety Data Sheet and Warranty. DO NOT TAKE INTERNALLY. Do not breathe vapors or mist. Use only with adequate ventilation and use a respirator when levels are above applicable limits. Avoid contact with skin and eyes. Close container after each use. Use good hygiene when handling this product and wash and bathe after each use. Be sure to wash clothing after each use

## WARRANTY

This product is not intended for public use and is intended for use by licensed contractors and installers, experienced and trained in the use of these products. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the effects or results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

### ORDER SPECIFICATIONS:

Product – DECOPOXY

Shipping Weight

15 lbs. (6.8 kg)

For more information go to:
solomoncolors.com or brickform.com

INFORMATION


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