

### *DECO-POUR Water-based Translucent Dyes For Polished Concrete*

#### MANUFACTURER

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#### PRODUCT DESCRIPTION

Deco-Pour Water-based Translucent Polished Concrete Dye (Dye) is formulated using fine color particles that provide you with the ability to uniformly color your polished concrete surface. The Dye is intended for interior applications, and although highly UV resistant, should not be specified for exterior application, or areas subjected to direct, un-filtered sunlight. Dye may be applied to any un-sealed and non-densified floor that does not contain a curing agent or products that may act as a barrier to inhibit penetration of the color.

**BASIC USE:** The Dye is available in 11 Standard Colors, in addition to your being able to alter the dye color in the field using Deco-Pour's Exclusive Tint Pack. The Tint Pack Additive Colors are white, black, red and yellow, and can be used by the trained applicator to alter colors to provide shade adjustments or custom colors and highlights. *Deco-Pour Dye can also be used on non-polished concrete in conjunction with topical sealers as long as bond barriers do not exist.*

#### BENEFITS:

- WATER-BASED, FAST DRYING DYE
- ABILITY TO CONTROL COLORS
- NO DOWNTOWN AFTER MIXING
- WORKS WITH ALL CURRENT POLISH SYSTEMS
- MAY BE USED TO HIGHLIGHT OR FIX ACID STAIN
- NO ODOR OR FLAMABILITY CONCERNS
- **CAN CUSTOM MATCH ANY COLOR\***

#### SHIPPING INFORMATION:

Deco Pour's Dyes are shipped as ready-to-use liquids in 1 and 5 gallon containers. They are non-hazardous and capable of being shipped by air or ground transportation.

\*Ability to match a color will ultimately be dependent on the color shade of concrete. Additional charges may be incurred for custom colors.

#### APPLICATION INFORMATION:

Dye coverage will vary based on the age, porosity, texture, design mix, finishing method and moisture content of the floor, along with the method of application used. Deco-Pour recommends the use of a sprayer with adjustable fine tip conical nozzle, or an airless sprayer, for application, in conjunction with a microfiber pad. Deco-Pour Water-based Translucent Dyes **DO NOT REQUIRE AN ACETONE RESISTANT SPRAYER**. Coverage rates can vary significantly, not only from floor to floor, but even within the same project.

#### INSTALLATION:

Deco-Pour Dye is shipped ready-to-use; all that is necessary for you to do is to pour the Dye into your sprayer and to start dyeing. Temperature of concrete floor should be between 40 to 70° F.

Perform a test on the floor of the jobsite prior to commencing with the project. Conduct the steps for the test as you will on the actual job in order to increase your ability to achieve the same results on the project, as on the test. Prior to mobilizing for the project is the proper time to establish that the floor will accept the Dyes, along with establishing coverage rates to match final color expectations.

Contact Deco-Pour for guidelines when using portable hand grinders for sample making as the timing of dye application will be different.

When the Dye is to be applied to polished concrete, it may be done so in conjunction with most proven chemical densifiers. (You will confirm the Dye compatibility during your test.) Establish your diamond starting point, ensuring that you are grinding deep enough to remove any oil films or bond breakers that may interfere with the Dye's penetration into the concrete. (Remember that while dyes can mask some irregularities and spots in the slab, they will not cover them up or eliminate them.) It is recommended that the Dye be applied following your 200 grit resin diamonds step. Clean the floor immediately prior to application of Dye.

## **INSTALLATION (CONTINUED):**

One application is appropriate when you wish to achieve a slightly mottled look, similar to acid stain, but two applications are recommended for monolithic appearances. When applying two applications, wait for the floor to dry to the touch before proceeding with the 2<sup>nd</sup> application. This usually occurs within 15 - 30 minutes, depending on temperature and humidity.

Apply the Dye with your pump or airless sprayer. Spray an area, approximately 3 to 5 feet wide, applying enough material to coat the surface, but not puddle. As one person is applying the Dye, a companion should be working the Dye around and into the floor with a microfiber pad. If applying two coats, allow the first to dry to the touch before starting the second coat.

Once you have finished your Dye application(s), and have allowed the dye to cure completely (preferably overnight), you may continue to your next polishing step(s). Unlike powder-based dyes, you should have very little Dye residue on the surface of the floor following proper application rates. Follow your remaining polishing steps; buff the floor with a dry white pad if polishing dust remains after your last step, and then apply your preferred chemical densifier. If recommended by the densifier manufacturer, following Dye application, your densifier may be applied after any diamond step, first allowing dye to fully cure.

## **MAINTENANCE:**

It is natural to have the release of trace residual Dye colorant from the floor during the initial cleanings. This is not a failure of the Dyes to penetrate and attach to the concrete, but is the removal of the final excess residue that occurs with water and the scrubbing action of the cleaning equipment.

It is recommended that you utilize a slightly alkaline product when cleaning the floor. Do not use acids, very high alkaline cleaners or ammonia-based products, as these can cause damage to the dyed surface. Cleaning frequency is dependent on the location, type of traffic and traffic frequency.

## **DYE CLEAN-UP:**

The Dyes are water-based, and spills can be removed with soap and water if cleaned up before they dry.

## **OPTIMAL RESULTS:**

To deliver optimal results follow these guidelines:

- Apply with a pump or airless sprayer.
- Tape and Protect all adjacent areas of concern. Due to the controlled nature of this product you should not experience the “drift” and excessive over spray of some products, but should still use appropriate caution to protect adjacent surfaces.
- Only recommended for interior use.
- Always follow the Dye application with final polishing steps, and then a chemical densifier to lock in the colors and strengthen the concrete slab.
- Should you choose to apply Deco-Pour without the protection of a chemical densifier, you will need to protect the floor with a topical sealer. Again pre-test for compatibility.

## **GRAPHICS:**

The Dyes are a natural extension for providing graphics, design, and signage or logos to floors, Graphics can be achieved with the use of shallow decorative saw cuts, automotive pin stripping tape, and stencils to name a few. When applying tape or stencils, it’s important to have the floor ground up through 200 grit diamonds. Clean the floor immediately prior to applying tape or stencils in order to eliminate all dust from under the tape or stencil. This minimizes bleed.

## **LIMITED WARRANTY:**

This product is warranted to be free of defects in material and workmanship, and conforms to the Deco-Pour quality standards. Recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed, and are not to be construed as a warranty or guarantee of any kind, expressed or implied including but not limited to, an implied warranty of fitness for a particular purpose. Deco-Pour is not responsible for the results of an individual’s application of this product, nor assumes any liability whatsoever. Our liability is limited to replacement of product, if product is deemed to have failed, when installed correctly per instructions for proper use, and has been stored properly.

**STORAGE:** Store the Dyes in a clean, dry area between 40-85° F. *Keep Product From Freezing.* Shelf life for unopened container is one year.