

POLISHING KOLOUR DYE

translucent, interior polishing concrete dye

CONCRETE STAIN SYSTEMS



Polishing Colour Dye is a translucent, UV stable dye, formulated using color designed to penetrate exterior and interior cementitious surfaces. Polishing Colour Dye creates a unique, multi-colored translucent color scheme that unlike paints, will not crack, chip, or peel. Polishing Colour Dye can be combined to create an unlimited color palate that creates a beautiful marble effect, when used properly. Create the look of a beautiful, custom acid stained floor in about 1/3 of the time.



Specifications / Compliances

- Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

Key Features & Typical Benefits

- 20 great standard colors give a wide variety to choose from.
- Very economical way to finish and beautify most types of exterior or interior concrete.
- Polishing Colour Dyed floors can be top coated with a variety of different coatings depending upon application needs.
- Provides a beautiful mottled effect similar to the likes of acid stains and will not fade under UV rays.
- Mixes with acetone to dramatically cut time and costs on the job.
- Contains 0 g/L VOC content making this product legal for sale to all regions of the US and Canada.

Recommended Applications

Effective on applications such as...

- Patios
- Garages
- Restaurants
- Showrooms
- Many other exterior and interior concrete surfaces where a decorative colored concrete is desired.

Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	Concentrated
Dry Time - Tack Free	5 - 15 minutes
Dry Time - Foot Traffic	Refer to instructions
Dry Time - Heavy Traffic	Refer to instructions
Re-Coat Time Window	Refer to instructions
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	0 grams/Liter
Appearance - Wet	Depends on color chosen
Appearance - Dry	Light, Chalky color until sealed

Information above is based on lab temperatures of 70° - 72°F at 50% RH. Using this product outside these conditions may affect the accuracy of the information above. Always test prior to use!

ALWAYS REFER TO SDS & READ FULL TECH DATA SHEET AND WARRANTY INFORMATION PRIOR TO USE.

FOR PROFESSIONAL USE ONLY

Polishing Kolour Dye

Application Instructions

SURFACE PREP: Test areas are strongly recommended on the actual surface of the proposed application. Testing in several areas of the concrete will better determine suitability, coverage, adhesion and approximate final results. The application area should be clean and free from all forms of dirt, oil, alkali, paint, cure & seals, and any other form of contaminant. The concrete surface must be prepped within the proper ASTM guidelines for the specific type of protective coating to be used. Failure to open the pores of the surface adequately may result in delamination. Diamond grinding is the preferred method for most applications, however, a thorough acid etch may be sufficient if done properly. Apply a test spot to check for sufficient adhesion to the substrate prior to doing the entire job. Protect all areas not to be dyed accordingly. Apply Polishing Kolour Dye only to dry, cured, neutral concrete surfaces.

MIXING: Polishing Kolour Dye is packaged only in a powder form which needs to be mixed with acetone in 1 gallon increments. Empty Polishing Kolour Dye into appropriate amount of acetone per instructions (this will depend on the size of the bottle purchased). Using the re-closable acetone container is recommended for mixing. Blend the mixture by stirring the open container, or by shaking the closed container for 30 seconds. Allow the mixture to dissolve for at least 3 hours prior to application. If a slower drying solution that will create a better mottled effect is desired, add the recommended amount of Polishing Kolour Dye Penetration and Mottling Agent at any time prior to application, per instructions. Polishing Kolour Dye Penetration and Mottling Agent is not recommended for porous concrete surfaces. Do not use any form of electrical equipment to mix the dye with the acetone. It is recommended to follow the manufacturer of the acetones instructions and the material safety data sheet (MSDS) for exposure limitations and safe handling practices.

WARNING: It is recommended to follow the manufacturer of the acetones instructions and the safety data sheet (SDS) for exposure limitations and safe handling practices. Acetone is highly flammable! Do not smoke! Turn off all portable heaters and gas pilot lights. Extinguish all open flames prior to use! Avoid sparks!

COVERAGE RATE: *First Coat* : 600 - 1000 ft² per gallon* *Optional Second Coat* : 600 - 1000 ft² per gallon*

*Coverage rates above reflect approximate coverage of finished product (per gallon) applied per instructions. Coverage rates will vary significantly and will be determined upon the surface porosity of the concrete as well as the application style.

APPLICATION: Apply Polishing Kolour Dye using an acetone sprayer with a #6 or #8 tip, keeping the tip approximately 24 inches from the surface. Apply in a uniform circular motion, not allowing the dye to puddle. The concrete surface should appear wet for just a few seconds when applied properly. Mop up any puddle or excess dye with a clean rag to allow the surface to dry evenly. Allow Polishing Kolour Dye to dry for approximately 1 minute. When using Polishing Kolour Dye in conjunction with polishing, apply the dye after polishing with a 400 grit resin. If needed, a second application of Polishing Kolour Dye may be applied prior to the final cycle. **FOR PERSONAL PROTECTION USE GLOVES, GOGGLES, AND RESPIRATORS.**

CLEANING: Polishing Kolour Dye may leave residual dye on the surface after each application. It is recommended to dry buff using a buffer/burnisher with a white pad to remove loose dye. Vacuum or dust mop loose dye prior to sealing application. The use of water to clean and remove loose dye is not recommended. When polishing, neglecting to clean residual dye can affect resin performance.

SEALING: If not polishing, seal Kolour Dye using an industrial coating. We suggest rolling a water-based coating like, 1040 BondKoat WB Epoxy or 6000 WB Gloss Urethane over Kolour Dye. Two coats are recommended for superior protection. If sealing with a solvent-based coating it is recommended to spray the first coat rather than roll as it may reactivate the dye.

WAXING: When using a floor wax, allow sealer to dry and completely cure for 3-4 days. Apply wax per manufacturer's specifications. Cherry Surf-Wax Gloss or Matte and Top Koat are our recommended floor waxes.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc.

Precautions and Limitations

- This product will not freeze during storage, however, allow temperature to rise to 50°F prior to application.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- If using indoor, use proper ventilation while applying and for hours after application to ensure fumes are removed.
- It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
- This product performs best when applied as one or two medium-light coats, not one heavy coat.
- Please be aware that this product when cured may be slippery when wet. An anti-slip additive, such as Surf-Grip, can be added to reduce slip hazards.
- This product is not resistant to brake fluid, gasoline, and many similar products.
- Thin only as instructed. Improper thinning may cause sealer to delaminate in a short time frame.
- This product may darken the surface of many new and existing concrete slabs. Test prior to use.
- Follow the instructions for the chosen top coat for surface prep and application instructions.
- Solvent vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition source locations distant from material handling point.

CLEAN-UP: Use xylene. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Material is a concrete dye and can not be chemically stripped. A commercial sand blaster, floor sander, diamond grinder, or another similar mechanical machine is necessary.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: 16 oz. container* (mixes with 1 GALLON acetone)

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.