

# POLISHING DYE

Translucent, Interior Concrete Dye Available in 20 Colors

## Product Description

Polishing Dye is a translucent, formulated using very fine particles of color designed to penetrate and color interior cementitious surfaces, including polished concrete. Polishing Dye creates a unique, multi-colored translucent color scheme that unlike paints, will not crack, chip or peel. Polishing Dye is available in 20 standard colors but can be combined to create an unlimited color palate that creates a similar mottling or marbled effect, when used properly. Create the look of a beautiful, custom acid stained floor in about 1/3 of the time.

## Benefits & Features

- 20 great color choices in neutral and vibrant varieties
- Very economical way to finish and beautify garage and basement floors
- Polishing Dyed floors are a low maintenance alternative to many popular flooring systems
- Provides a beautiful mottled effect similar to the likes of acid stains

## Recommended Applications

Polishing Dye is recommended for most cured, unsealed interior concrete substrates. Do not apply to a floor that has been sealed prior until all sealer has been completely removed.

## Technical Information

Solids	N/A	Wet Appearance	Colored Liquid
Drying Time	Approx. 1 minute	Dry Appearance	Colored Powder
Re-Coat Time	Refer to Directions	VOC Content	0 g/l
Foot Traffic	Refer to Directions	Blush Resistance	N/A
Wheel Traffic	Refer to Directions	Solvent Resistance	N/A
Application Temp	40°F - 85°F	Concrete Penetration	Excellent

\*\*\*Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

## Specifications/Compliances

Polishing Dyes are VOC and OTC compliant in all areas of the United States and many foreign nations.

## Approximate Coverage Rates

New and Old (unsealed) concrete 600 - 700 ft<sup>2</sup>

\*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.

## Shelf Life

Polishing Dye has a shelf life of up to two years in it's original, sealed, unopened container.

## Packaging

Polishing Dye is packaged in 4 oz (1 quart), 16 oz. (1 gallon), and 32 oz. (5 gallon) containers. (finished product)

### ORRVILLE

133 North Kohler Road  
Orrville, Ohio 44667  
(330) 682-5678

### CLEVELAND

7941 Granger Road  
Cleveland, Ohio 44125  
(216) 573-0770

### COLUMBUS

690 Harrison Drive  
Columbus, Ohio 43204  
(614) 253-3326



## **Instructions for Use**

**Surface Preparation:** 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 and seals, and any other form of containment. Protect all areas not to be dyed accordingly. Apply Polishing Dye only to dry, cured, neutral concrete surfaces.

**Mixing:** Polishing Dye is packaged only in a powder form which needs to be mixed with acetone in 1 quart, 1 gallon, or 5 gallon increments. Empty Polishing 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 Dye penetration and mottling agent at any time prior to application, per instructions. Polishing 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 acetone's instructions and the safety data sheet (SDS) for exposure limitations and safe handling practices.

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

**Cleaning:** Polishing 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:** Seal Polishing Dye a low viscosity, sprayable sealer. Use appropriate sprayer and tip per individual sealer instructions. Two coats are recommended for superior protection. It is not recommended to roll-on sealer over Polishing Dye, 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.

## **Clean-Up**

Use Xylene. Dispose of containers in accordance with local and federal regulations.

## **Product Removal**

Polishing Dye is a concrete dye and can not be chemically stripped. A commercial floor sander, diamond grinder, or another similar mechanical machine is necessary.

## **Precautions & Limitations**

- Polishing Dye will not freeze in storage, however, storage in areas between 50°F and 85°F is recommended
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed
- Polishing Dye is extremely flammable (finished product). Do not smoke.
- It is not recommended to apply Polishing Dye over carpet, tile, and other types of floor adhesives
- Coverage rates depend upon many conditions including application method, surface porosity, applicator, ect.
- Polishing Dye was designed for interior concrete. It is not recommended for exterior applications.
- Polishing Dye should only be sprayed. Refer to instructions above prior to use.
- It is recommended to seal over Polishing Dye with UV resistant coatings only.
- Polishing Dye may be mixed to form various colors. Note, we cannot be held responsible for color outcome.
- Polishing Dye is permanent application. Please test prior to use.

## **Special Notes**

Please consult Safety Data Sheet (SDS) and read warranty information prior to use. This information can be requested by contacting customer service at 330-682-5678.

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