



APC PRECISION DYE

Concentrate For Interior Use Only

Let Down With Water or Acetone

APC Precision Dye is a liquid dye that adds color to existing interior concrete. This coloring method provides an elegant decorative appearance without the lengthy and hazardous process of acid-based chemical staining. Beginning with a properly prepared surface, these dyes can be applied and sealed in as little as one day, minimizing down-time. Nano-particles allow the color to penetrate the concrete, resulting in a durable treatment that will not wear away with traffic.

Uses

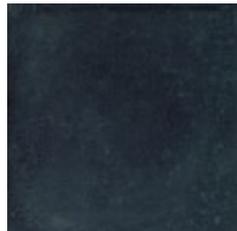
- Interior concrete
- Polished concrete
- Overlay toppings
- Acid stain repair
- Stencil designs
- Acid stain accent



POMERGRANATE



PINEAPPLE



BLACK ORCHID



WARM HONEY



RHUBARB



DANDELION



COLA



MALT BROWN



RED BERRY



THISTLE GREEN



BLUE BERRY



ROOT BEER



SWEET POTATO



VIOLET



BLUE POPPY



MAPLE SYRUP



ROAST PEPPER

Actual colors vary on each piece of concrete

Tools & Materials Required

Pump-up Sprayer with Conical Tip. (Acetone-resistant sprayer if using Acetone)
Absorbent Cloth or Small Container to Catch Drips
Painter's Masking Tape
Clean Water for Cleaning Equipment

When Sealing

APC Precision Clean & Etch
APC Precision Neutralizer Degreaser
Synthetic Bristle Brush
White buffing pad and tackcloth

Dye Preparation

Precision Dye concentrate should be transferred into a 1-gallon container. Use clean water or acetone to rinse the residue from the concentrate bottle into the 1-gallon container. Add clean water or acetone to a final volume of 1 gallon.

Surface Preparation

All walls, furniture, columns, or other items/areas that you do not want to color should be masked using painter's tape and plastic sheeting. This will protect the items from overspray. Concrete should be cured and clean; free of dirt, dust, residue and oil. For polishing, Profile with a coarse grit. For sealing, proceed as follows. Pre-Etch and Clean with **APC Precision Clean & Etch** until concrete readily absorbs water. For oily surfaces, **APC Precision Neutralizer Degreaser** is recommended. Power wash the surface at 3000 psi. If not possible, scrub with clean water and remove excess. Allow to dry 24 hours.

Application

Apply with a pump-up sprayer using a conical, fine-spray tip. Small areas can be brushed using a circular motion to avoid brush strokes. Take care to maintain a wet edge to avoid bleed lines. Do not apply more material than the surface will absorb in 1 minute. Prior to application, tape a piece of cloth or a small container to the sprayer body to catch drips while not spraying the material. Place the tip of the spray wand on the cloth or into the small container immediately after releasing the spray handle. Apply the dye uniformly to obtain a more uniform final appearance. Apply in a random, circular motion with some overlapping to generate a more mottled look and more closely resemble acid stain. Colors may be blended to produce an infinite pallet or applied over a base color for a unique look. Depending on the depth of color that is desired, more than one application may be required. If using water to dilute the dye, allow the dye to dry for at least 6 hours before applying a solvent-based clear sealer or 4 hours for a water-based clear sealer. If using acetone to dilute the dye, the colored surface can be sealed 30 minutes after the dye has been applied. The surface must be sealed with a clear concrete sealer to lock in and protect the color. If using a water-based sealer, a light initial coat should be applied to the dyed surface with a pump sprayer to "lock in" the dye. Apply the sealer per the manufacturer's instructions. Always do a test spot in an inconspicuous place before proceeding with the project. Protect the sealer from scratches with **APC Precision Wax Polish**. Apply 2-3 coats initially per the label's instructions, and touch-up periodically as a regular maintenance routine. Keep a container of clean water or acetone available and place the end of the sprayer wand into the liquid between applications. This will keep the tip from becoming clogged. Use clean water or acetone to rinse the sprayer for color changes.

Polishing

Grind surface to between 200 and 400 grit. Apply **APC Precision Dye**. Densify and Polish to desired finish.

SEALING

The surface must be sealed with a clear concrete sealer to lock in and protect the color. If Dye residue is present, remove with white buffing pad and tackcloth. Do not use water. A light initial coat of sealer should be applied to the dyed surface with a pump sprayer to "lock in" the dye. Apply sealer per the manufacturer's instructions. If using water based dyes, wait 4 hours to start sealing with a water-based sealer and 8 hours for solvent based sealer. If using acetone based dye, you can seal immediately. Spray apply first coat of sealer. **APC Precision Poly** is recommended but solvent based **APC Precision Premium Sealers** is also a good choice. Water based **APC Precision Clear Seal WB** will work if floor is not too tight. Clean with water only and use **APC Precision Wax Polish** for ongoing scuff protection and maintenance. Apply 2-3 coats initially per the label's instructions, and touch-up periodically as a regular maintenance routine.

Coverage Rates

Approximately 200 ft.² per gallon for smooth concrete, depending on depth of color desired. More material will be required for more porous surfaces or deeper coloration.

Technical Data

VOC: <15 g/L
Flash Point: 150° F

HMIS

Health	1	Flammability	1
Reactivity	0	Protection	B

Disclaimer

The facts stated and recommended regarding APC products are based on our own research and the research of others, and are believed to be accurate. APC products are sold without WARRANTY, expressed or implied, and on the condition that the purchasers conduct their own tests in order to determine the suitability of such for their particular purpose. The user is solely responsible for the use and information regarding APC products. APC disclaims any liability. APC disclaims any warranty of merchantability or fitness of this product for any particular purpose. The suitability of the product for any use shall be solely up to the user. Manufacturer retains right to legal venue.