



HYDRA-TINT™ Water-Based Concrete Stain System

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HYDRA-TINT™ Stain by APC is designed as an environmentally safe, user friendly alternative to traditional acid based stains. The HYDRA-TINT™ system is a penetrating, waterborne pigmented stain formulated specifically to stain concrete or cementitious toppings. The HYDRA-TINT™ system is for use on cured concrete that is uncolored, color hardened or integrally colored. It is also compatible with horizontal or vertical overlay systems. The system includes a complete line of cleaners, sealers and a wax polish product that are required for long-term durability and long-lasting colors. Color shown is a sealed representation of the base color of the concrete stain. Variations will occur from slab to slab and a application test is recommended before final application.

COLORS AVAILABLE

SILVER	LEAD	ACCENT BLACK	BLACK
AMBER	BRONZE	YELLOW	GOLD
PERSIMMON	ALMOND	TANGERINE	RED OAK
ACCENT RED	RED	RUST	MAHOGANY
MOLASSES	OLIVE	IVY	GREEN
BLACK FOREST	BLUE SPRUCE	BLUE	NAVY

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THE COLORS ON THIS CHART ARE AS ACCURATE AS THE PRINTING PROCESS WILL ALLOW.

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USAGE GUIDELINES

The HYDRA-TINT™ Stain System was developed for use on concrete floors, but can also be used to improve the appearance of concrete walls, columns and other vertical decorative concrete features. One gallon covers 200-300 SF per coat depending on porosity of concrete.

PREPARATION

If the concrete surface does not repel water and is not a really hard troweled surface then little or no prep work is required. Any previously applied sealer, paint or other oil-based products must be removed. If the surface is such a hard troweled slick finish that HYDRA-TINT™ cannot penetrate, then light sanding/grinding or etching is required. APC Precision Clean and Etch can be used to open up the surface. If surface has been sanded/ground it must be cleaned with APC Cleaner Degreaser Neutralizer and brushed to get all sand particles up from pores of concrete. Rinse well and wet-vac floor while it is wet. Test area where sanded with stain to make sure there is porosity in the slab and all dust is removed.

MAKE SURE YOU TEST AN AREA ON SITE BEFORE APPLYING.

CURING

Concrete should be allowed to cure a minimum of 28 days. In cooler climates curing time could require more.

APPLICATION

HYDRA-TINT™ can be sprayed, squirted, mopped, painted or rolled. Care must be taken to avoid or cover up straight lines associated with rolling. HYDRA-TINT™ may be applied full strength or can be diluted with water to get a lighter hue of color.

HYDRA-TINT™ color is built-up and may require repeat applications, depending on the porosity of the concrete. It is not recommended to use on extremely porous substrate such as concrete blocks. For extremely porous surfaces 1/2 to 1 pint of Min-Wax water based polycrylic can be added per gallon of HYDRA-TINT™ to decrease the absorption and give you desired color without using as much product. The use of polycrylic not only speeds up the job, but is more cost effective when using large amounts of HYDRA-TINT™

When using a single color of HYDRA-TINT™, the first step is to apply completely over the entire surface. A single color of HYDRA-TINT™, in a single application, achieves mottling by the varying degrees of porosity within the surface of the concrete. Additional "acid" effects are achieved through further applications, either in complete coverage or random, haphazard applications. Further applications depend on desired look and porosity of the concrete.

TECHNIQUES

The results that can be obtained by using HYDRA-TINT™ have been limited only by imagination. Here are some guidelines or pointers....

- When using multiple colors, apply the lighter colors first (however, yellow can be applied over red to "orange" it up a bit.
- Color can be mixed in any fashion. They can be mixed before application and will actually separate a little to produce mottling by slightly different colors. More control and distinct color is achieved by building one color on top of another.
- Spraying to some saturation, even puddling, following by blotting or swirling has produced some attractive results. The edges of puddles will leave very distinctive veining, upon drying.

SEALING

Allow concrete 24 hours to dry. To provide long lasting durability and to enhance the color, apply **APC Super Poly**, a two component sealer on interior floors. On exterior floors seal with **APC Precision Premium 30** a non-yellowing solvent based sealer. Two coats of **APC Wax Polish** should be applied over sealed interior floors for additional protection and enhancement. Use of **APC Wax Polish** will diminish slipping and scuffing. **APC Wax Polish** may be applied with a lamb's wool applicator or microfiber pad. As a maintenance routine, **APC Wax Polish** will prevent the need to reapply sealer. Clear sealer is required to enhance the depth of color and should be tested before application.

WARRANTY DISCLAIMER

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Consult Material Safety Data Sheet before use.