



POOL AND DECK COATINGS

Kelley Technical Coatings



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Bulletin No. 120

HYDROLON Water-Base Pool Coating

HYDROLON is a water-based acrylic emulsion coating which provides an attractive low maintenance finish on plaster or concrete pools. It has a low-sheen, satin-type finish that is compatible with rubber-base coatings.

HYDROLON has unique features that are not typical of epoxy and rubber-base coatings:

- It can be applied to damp surfaces
- Can be recoated in 4 hours (minimum)
- Pool can be filled after 48 hours (minimum)
- No solvent fumes
- Self-Priming qualities

HYDROLON is available in eight stock colors.

SURFACE PREPARATION

BARE CONCRETE OR PLASTER

Two coats are required on bare surfaces. New concrete should cure 5 days before coating.

The surface must be clean before coating. First, scrub the entire surface with No. 910 POOL WASHING COMPOUND or a tri-sodium phosphate (TSP) solution in water. Mix one cup (8 oz.) dry TSP powder for each gallon of water as a washing solution. Rinse with water immediately. Then, the surface should be acid washed with a 10% solution of muriatic acid in water. Rinse immediately. Finally, repeat the TSP wash to neutralize any remaining traces of acid. Rinse with water immediately.

PREVIOUSLY COATED SURFACES

HYDROLON can be applied over worn rubber-base coatings. Do not apply over epoxy or unknown finishes.

All loose or peeling paint should be scraped or wire-brushed. If paint is severely peeling, sandblast or waterblast to remove all old coating.

Scrub entire surface with No. 910 POOL WASHING COMPOUND or a tri-sodium phosphate (TSP) solution in water. Mix one cup (8 oz.) dry TSP to each gallon of water for a washing solution. Rinse thoroughly with water. Then, the surface should be acid washed with a 10% solution of

ALL OLYMPIC PRODUCTS ARE VOC COMPLIANT

muriatic acid in water. Rinse immediately. Finally, repeat the TSP wash to neutralize any remaining traces of acid. Rinse with water immediately.

APPLICATION

UNCOATED SURFACES

FIRST COAT: Apply first coat of HYDROLON thinned with water as a prime coat. Thin about 10% to insure penetration. Do not thin with any other substance. Use a 9" roller and an extension handle for large areas. Trim small areas with a brush.

SECOND COAT: Apply the second full strength after four (4) hour minimum drying time.

PREVIOUSLY COATED SURFACES

Bare spots should be spot primed with HYDROLON thinned 10% with water. After spot priming, apply one or two coats at full strength. Allow four (4) hours minimum between coats. May be applied by brush, roller or spray.

DO NOT APPLY BELOW 50°F

PHYSICAL DATA

FLASH POINT DEGREES F: None

POT LIFE: Indefinitely if resealed tightly

RECOATING TIME: 4 hours except in cool or damp weather, then allow overnight drying time. The first coat must be dry.

CURING TIME (before filling pool):
48 hours under normal conditions

SOLIDS: 60% Wt. 40 Vol.

COVERAGE: 1st coat - thinned 10% - 250 sq. ft. per gallon average. 2nd coat - unthinned - 300 sq. ft. per gallon average. 3rd coat - if necessary - 300 sq. ft. per gallon.

APPLIED FILM THICKNESS: 4 mils wet film
Waiting time for new concrete to cure 30 days - minimum for maximum results

VISCOSITY: 85 - 90 Krebs Units Thinned 10% with water gives 70-75 K.U.

WT. PER GAL.: Approx. 11.0 - 12.0 lbs.

CAUTION! KEEP FROM FREEZING

DO NOT TAKE INTERNALLY

KEEP OUT OF REACH OF CHILDREN

WARNING!

If you scrape or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at **1-800-424-LEAD** or log on to **www.epa.gov/lead**

Information herein given has been accumulated through many years of experience and verified by our technical personnel and is based upon tests believed to be reliable, but RESULTS ARE NOT GUARANTEED.

NOTE: KELLEY TECHNICAL COATINGS, INC. makes no implied warranty of merchantability, no implied warranty of fitness for a particular purpose and no other warranty, either express or implied, concerning its products.

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