



**POOL AND DECK COATINGS**

**Kelley Technical Coatings**



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**ALL OLYMPIC PRODUCTS ARE VOC COMPLIANT**

**Bulletin No. 121**

## OPTILON Synthetic Rubber-Base Pool Coating

OPTILON is a synthetic rubber-base swimming pool finish made with a styrene acrylic polymer resin. It is recommended for concrete or plaster pools and for pools previously coated with a rubber-base coating. OPTILON provides a hard, durable finish that protects against harsh chemicals, resists algae, and beautifies the pool surface. Optilon is available in eight stock colors.

### SURFACE PREPARATION

#### **BARE CONCRETE OR PLASTER**

Two coats are required on bare surfaces. New concrete should cure 30 days before painting.

The surface must be clean before painting. 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 with water immediately. ALLOW SURFACE TO DRY COMPLETELY.

#### **PREVIOUSLY COATED SURFACES**

OPTILON should only be applied over worn rubber-base coatings. DO NOT APPLY OVER EPOXY OR UNKNOWN COATINGS.

All loose or peeling coating should be scraped or wire brushed. If coating is severely peeling, sandblast or water blast 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 muriatic acid in water. Rinse with water immediately. ALLOW SURFACE TOO DRY COMPLETELY.

### APPLICATION

#### **UNCOATED SURFACES**

**FIRST COAT:** Apply first coat of OPTILON thinned with No. 1108 Solvent as a prime coat. Thin about 10 - 20% to insure penetration. Do not thin with any other substance. THINNING WITH OTHER THAN No. 1108 SOLVENT WILL CAUSE FAILURE. Use a 9" roller and an extension handle for large areas. Trim small areas with a brush.

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

#### **PREVIOUSLY COATED SURFACES**

Bare spots should be spot primed with Optilon thinned 10 - 20% with No. 1108 SOLVENT. After spot priming, apply one or two coats as needed at full strength. Allow four (4) hours minimum between coats.

DO NOT APPLY BELOW 50°F

### PHYSICAL PROPERTIES

**FLASH POINT:** 105°F

**POT LIFE:** Indefinitely if resealed tightly

**RECOATING TIME:** 4 hours except in cool or damp weather, then allow overnight drying time.

**CURING TIME** (before filling pool): 3 days at 70°F average temperature

**SOLIDS:** 58% Wt. 40% Vol.

**COVERAGE:** 1st coat: thinned 10 - 20% - 250 sq. ft. per gallon average. 2nd coat: unthinned - 275 sq. ft. per gallon average, 3rd coat: if necessary - 275 sq. ft. per gallon average.

**APPLIED FILM THICKNESS:** 6 mils wet film

Waiting time for new concrete or new plaster to cure 30 days - minimum for maximum results.

**CAUTION! - COMBUSTIBLE!** Keep away from heat and open flame. Avoid prolonged contact with skin and breathing of vapor. Close container after each use. Areas of body or clothing on contact with uncured resin and/or catalyst should be thoroughly cleaned with solvent and washed with soap and water immediately. Use only where there is adequate ventilation. KEEP OUT OF THE 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](http://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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