Olympic
POOL AND DECK COATINGS

Kelley Technical Coatings

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ALL OLYMPIC PRODUCTS ARE VOC COMPLIANT

Bulletin No. 116

No. 214 POXOPRIME II

POXOPRIME II is a two-part epoxy primer designed for use on wet or dry concrete or plaster pool surfaces. When used according to these instructions, POXOPRIME II seals these bare surfaces and provides a perfect base for chemical acceptance of either POXOLON 2 (2 coats) or ZERON (1 coat) epoxy finish.

POXOPRIME II is required on bare surfaces to seal in acid salts, hydrates, and other undesirable elements which normally migrate to the surface. These elements (when not sealed off) could result in poor adhesion and performance of the pool coatings. Do not use POXOPRIME II over other coatings or on metal or fiberglass, only on bare concrete or plaster.

NOTE! Our No. 216 GUNZITE PRIMER is very thick in consistency and should be used when these surfaces are extremely rough, pitted or porous (i.e., a newly gunite surface that is "finished off"). GUNZITE should also be used on concrete block and fiberglass.

SURFACE PREPARATION

In order for POXOPRIME II to successfully penetrate and seal the surface to be coated, the bare surface must be sound and freed of contaminants such as oils and mineral deposits. The cleaning process consists of three steps.

First, to remove oily residue, scrub the surface with tri-sodium phosphate - our No. 910 POOL WASHING COMPOUND - and water. Mix 8 ounces of tri-sodium phosphate to each gallon of warm water. Use liberally and pay careful attention to the water line and drain where oils tend to accumulate. Scrub in 10 foot sections, hosing off with water after each section.

Next, the surface should be acid etched with a 10 to 20 per cent solution of muriatic acid. Acid etching "burns" away contaminants unaffected by the tri-sodium phosphate. Acid etching also opens millions of microscopic pores in the surface which allow POXOPRIME II to adequately penetrate. (Bulletin No. 141 gives complete acid etching information). The person participating in acid etching should wear rubber boots, rubber gloves and goggles.

The third step is to again scrub the surface with tri-sodium phosphate solution to neutralize the acid. Upon completion, rinse with water.

MIXING DIRECTIONS

One can contains the base portion and is to be thoroughly mixed with the catalyst at the rate of one part catalyst to three parts POXOPRIME II. Be sure to remove all the catalyst from its separate container. It is best to mix using an electric drill equipped with a mixing attachment. Mix until all traces of the catalyst disappear plus three additional minutes. After the catalyst has been thoroughly mixed, POXOPRIME II may be applied. No induction time is necessary. For expediency, you may want to mix two or three gallons at a time in a clean plastic bucket.

APPLICATION

POXOPRIME II is best applied by rolling with a 1/2" nap roller. A brush may also be used for trimming; however, do not brush out too thin. Always apply liberally. It is very important to completely seal the surface. On saturated surfaces POXOPRIME II should be applied without thinning. If necessary, (i.e., hot day, dry or very smooth plaster) thin with one pint of water for each gallon of POXOPRIME II. POXOPRIME II works equally well when surfaces are wet. However, standing water, or puddles, should be allowed to dissipate before application. If the surface is exceedingly wet, POXOPRIME II may appear to dilute. Therefore, be sure to totally cover the surface. POXOPRIME II, however, will not block hydrostatic pressure such as underground streams. See "PHYSICAL DATA" for further information.

PHYSICAL DATA

DESCRIPTION: A two-component water-based epoxy primer for application on wet or dry concrete or plaster.

APPLICATION: POXOPRIME II should be applied liberally using a 1/2" nap roller cover. Adequate coverage will depend on the degree of wetness of the surface.

THINNING: Thinning is not recommended on saturated surfaces. On dry surfaces, thin 10% to 15% with water.

CLEAN-UP: When wet, POXOPRIME II can be cleaned up with water. However, when allowed to dry or set-up it will be necessary to use No. 1109 SOLVENT for cleaning.

POT LIFE:
Approx. 2 hours at 90°F
Approx. 4 hours at 70°F

PACKAGING: Quarts, gallons

INDUCTION TIME: None

COVERAGE: Smooth surface: 200 to 250 square feet.

CURING TIME of POXOPRIME II before recoating with POXOLON 2 or ZERON:
Minimum: Overnight
Maximum: 48 hours
(Minimum cure time may be longer if air temperature is very cool at night.)

FLASH POINT: Above 105°F

SHELF LIFE: 2 years

WATER-BASED. KEEP FROM FREEZING

VOC QUANTITY: POXOPRIME II contains .9 lbs/gallon of volatile organic compounds.

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**

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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