TECHNICAL BULLETIN

Olympic
POOL AND DECK COATINGS

Kelley Technical Coatings

MEMBER
NATIONAL SPA & POOL INSTITUTE

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ALL OLYMPIC PRODUCTS ARE VOC COMPLIANT

Bulletin No. 118

No. 216 GUNZITE PRIMER: Primer for New Gunite, Fiberglass and Other Rough Surfaces

GUNZITE PRIMER is used on rough plaster or concrete, new finished gunite, fiberglass or sandblasted surfaces. It will "smooth out" a rough surface and provide a base for the succeeding coat of ZERON or coats of POXOLON 2.

APPLICATION DIRECTIONS

Catalyst is under the lid in a separate container for use in 5 gallon cans for GUNZITE PRIMER. It is in a separate container when it is to be mixed with either quarts or gallons. IMPORTANT! Be certain to remove all the catalyst from the can when mixing with the base. STIR VERY THOROUGHLY. We strongly recommend the use of an electric mixer to achieve proper mixing of any two-component material. Wait according to the induction schedule. All GUNZITE containers are short filled to allow room for the addition of the catalyst. When the catalyst is added, it will fill the container.

For best results, the entire surface to be coated must be acid cleaned before applying GUNZITE PRIMER. This removes loose grit and unsound surface materials. After acid washing, the surface should be washed with tri-sodium phosphate in order to neutralize and remove all traces of acid. Surface should then be hosed off.

On new concrete, gunite, plaster or marcite, applied with a 1/2" nap roller (solvent resistant core) and spread generously on the surface. When the GUNZITE tends to run out of holes it should be "bodied up" by adding our No. 955 AGGREGATE until the required consistency is developed. A fine white silica sand or marble dust may be substituted for our aggregate. This provides a smooth base for the application of the top coat of POXOLON 2 and ZERON. Whenever a textured surface is acceptable, it is not necessary to use the GUNZITE PRIMER, as its main function is to create a smooth base for the coating that would be applied.

If there is a cement base masonry finish on the concrete surface, it should all be removed before coating, as it is a very questionable base. Muriatic acid will usually remove cement coating. See Bulletin No. 141 for acid cleaning. After removal, finish as bare or new concrete.

When a builder switches from plastering pools to a ZERON coating, it may take two or three pools to acquire the technique to produce a smooth surface for the application of ZERON. During this period, all rough spots can be eliminated with the application of GUNZITE PRIMER. The primer is "finished off" by floating with a wood or rubber trowel or by brushing with a masonry brush.

Clean application equipment with No. 1109 SOLVENT.

PHYSICAL DATA

GUNZITE: No. 216 - Flash point above 105°F

SOLVENT: No. 1109 - Flash point above 105°F

MINIMUM RECOATING TIME OF GUNZITE WITH POXOLON 2 OR ZERON:
4 hours @ 90°F
6 hours @ 80°F - 85°F
Overnight below 75°F
DO NOT APPLY BELOW 50°F

MAXIMUM RECOATING TIME OF GUNZITE WITH POXOLON 2 OR ZERON:
48 hours

POT LIFE:
POXOLON 2, and GUNZITE PRIMER:
Approx. 4 hours @ 85°F
Approx. 6 hours @ 75°F
Approx. 8 hours @ 60°F

POXOPRIME II:
Approx. 2 hours @ 90°F
Approx. 4 hours @ 70°F

ZERON:
1/2 hour @ 85°F or above
1 hour @ 65°F to 85°F

NOTE! Above 85°F, use immediately after mixing thoroughly with catalyst. Do not mix 5 gallon containers unless you can use within 30 to 40 minutes. The smaller the quantity mixed at one time, the longer the pot life. ALWAYS STORE AND MIX IN A COOL PLACE.

NOTE! Pot life and working time can be increased by thinning 5% to 10% with No. 1109 SOLVENT. Highly recommended when surface temperatures exceed 90°F. Add water with Poxoprime II.

CURING SCHEDULE: Before filling pool
POXOLON 2 and ZERON
3 days @ 75°F and up
5 days @ 65°F to 70°F
4 days @ 70°F to 75°F
6 days @ 60°F to 65°F

DUST FREE DRYING TIME: All epoxy products
1 hour @ 95°F
1 1/2 hours @ 85°F
2 hours @ 80°F
2 1/2 hours @ 75°F
3 hours below 70°F

SQUARE FEET PER GALLON:
POXOPRIME II: Smooth Surface: 200 to 250
Porous or Textured Surface: 175 to 225
GUNZITE PRIMER: 100 to 150 square feet per gallon
ZERON: 125 to 150 square feet per gallon
POXOLON 2: 225 to 250 (First Coat) - 275 to 300 (Second Coat)

CAN STABILITY: All products - 2 years or over

AGEING PERIOD: After mixing and before application for: GUNZITE PRIMER, ZERON and POXOLON 2 - See Induction Schedule on label

APPLIED FILM THICKNESS:
GUNZITE : 8 to 12 mils
POXOLON 2: 3 to 4 mils
ZERON: 10 to 12 mils
POXOPRIME II : 2 1⁄2 to 4 mils

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**

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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