TECHNICAL DATA SHEET

Z-Pool

Coating for concrete swimming pools

Z-490-00 | 18.9 L / 5 US gallons

PRODUCT DESCRIPTION

Z-Pool is a high-quality swimming-pool coating based on a chlorinated copolymer. It is formulated for excellent adhesion to new concrete or concrete previously painted with a coating of similar composition.

USES AND PROPERTIES

For indoor and outdoor concrete swimming pools, residential or commercial, on clean, prepared surfaces. Resists chlorine and common pool chemicals, including weak acids and alkalis and detergents. Forms a waterproof film with low permeability.

Resists chalking, fading, cracking and peeling. Non-gloss finish. Formulated without lead, mercury or chromium VI.

Compatibility with fibreglass, vinyl or other pool materials, or with an existing coating of different composition, is not established by the supplied documentation.

SURFACE PREPARATION

Surfaces must be clean, dry and free of contaminants. Allow new concrete to cure for at least 45 days before treatment and painting. Fill the pool with water during this period to release soluble salts.

For new concrete, treat with muriatic acid diluted to 10-20%, until effervescence stops or for 15 minutes, followed by thorough rinsing. Repair defects, etch new surfaces where required and remove all dust.

On compatible existing paint: remove peeling, blistering, chalking and poorly adhering coating. Dull glossy surfaces. Sandblasting may be required to obtain a uniform, porous substrate. For small areas, wire-brush or scrape as appropriate.

Wash thoroughly with detergent, rinse and allow to dry completely. Wear the prescribed protective equipment before using acid; consult the SDS for the coating and preparation agents.

TECHNICAL DATA

Reference appearance
Opaque white; other colours according to the palette.

Gloss at 60 degrees
20 +/- 5.

Viscosity
83 +/- 3 KU.

Odour
Slight.

pH at 100%
Not applicable.

Flash point (T.C.C.)
15 degrees C.

VOC
Less than 330 g/L.

Solids by weight / by volume
57 +/- 1% / 42 +/- 1%.

Recommended dry film
2-2.5 mils (50.8-63.5 micrometres).

Required wet film
4.4-5.5 mils (111.8-139.7 micrometres).

ZINOX PACKAGE

18.9 L / 5 US gallons
One pail. US gallons are a rounded commercial designation.

Estimated net mass
25.59 +/- 0.57 kg of product, excluding the pail, calculated from 11.30 +/- 0.25 lb per 3.785 L. This is not a shipping weight.

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DIRECTIONS FOR USE

Mix well before use. Apply by brush, roller or spray gun. Ready to use: **do not thin**. Avoid direct sunlight, hot surfaces and evening applications likely to cause condensation.

Z-Pool system: one coat, as confirmed by the manufacturer. Apply one unthinned coat to cured new concrete or a correctly prepared existing coating of similar composition. Maintain the stated dry film of 2-2.5 mils.

CONDITIONS AND EQUIPMENT

Temperature: 10-30 degrees C (50-86 degrees F). Reference relative humidity: 50%; stated maximum: 85%. The substrate must remain dry and free of condensation.

Brush: good-quality nylon/polyester. **Roller:** synthetic nap, 3/8-3/4 in. (approximately 10-19 mm). **Airless:** 2,200-2,400 psi, 0.015-0.021 in. tip, 60-mesh filter.

Clean-up: xylene; follow the solvent SDS.

REFERENCE COLOURS

White; light blue; aqua/turquoise; sky blue; azure/royal blue; beige. Medium and accent bases are tinting bases, not additional finished colours.

Other colours on request, subject to confirmation. Dark colours may fade under chlorine, salt and UV exposure. The pail image is not a colour chart.

COVERAGE PER 18.9 L

Approximately 1,248-1,533 sq. ft.
(116-142 square metres) per pail, per coat, at the stated dry film of 2-2.5 mils.

Calculated for 18.9 L from 250-307 sq. ft./gal using 18.9 / 3.785. Coverage varies with substrate, method and losses; no additional allowance is included here.

One coat for the complete system. Divide area by coverage and round up to whole pails. Retain the coverage range; do not multiply by two. For 2,000 sq. ft.: two 18.9 L pails.

DRYING AND REFILLING

Reference: 25 degrees C and 50% RH.
Touch dry: 30 minutes.
Before any subsequent recoating: 24 hours.

Through drying:
7 days outdoors;
10-14 days indoors.

The general instruction requires at least 7 days before use. For an indoor pool, also allow for the 10-14 day through-drying period and confirm the refilling interval. Touch dryness does not permit refilling.

STORAGE

Store between 10 and 35 degrees C, in a closed container, in a cool place away from sunlight. Observe precautions for flammable liquids. Shelf life is not supplied.

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SAFETY

DANGER - Flammable liquid and vapour. May be harmful if swallowed and enters airways. Read and understand label precautions and the safety data sheet before handling.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep the container tightly closed. Store locked up, cool, away from sunlight and out of reach of children.

Wear protective gloves and clothing, eye and face protection and the prescribed respiratory protection. Do not breathe vapours. Contaminated work clothing should not leave the workplace.

FIRST AID

Eyes: rinse cautiously with water for several minutes. Remove contact lenses if easy to do, continue rinsing and obtain medical attention if irritation persists.

Inhalation: move the person outdoors to a position comfortable for breathing. Call a poison centre or physician; obtain medical attention for respiratory symptoms.

Skin or hair: immediately remove contaminated clothing and rinse the skin with water or shower.

Swallowing: rinse the mouth. Do not induce vomiting. Immediately call a poison centre or physician. Refer to the SDS and label for complete instructions.

OLD COATINGS

Sanding, scraping or removing old paint may produce harmful dust or fumes, particularly for children and pregnant women. If lead is suspected, follow appropriate protective measures and the NIOSH-approved respiratory protection appropriate for the work.

WASTE

Consult the municipality for disposal of leftover paint, or donate usable leftovers. Do not pour paint into drains. In Quebec: eco-peinture.ca.

WARRANTY

Contact Zinox for the warranty terms applicable to this product. No warranty duration in years is stated in this sheet.

ZINOX TECHNICAL SUPPORT

Z-Pool | SKU Z-490-00 | 18.9 L / 5 US gallons. For technical assistance, contact Zinox at 1 833 888 7738 or info@zinoxcoating.com.

Properties are indicative and may vary with actual conditions. Follow the stated concentrations, film thicknesses and drying times.

This technical data sheet does not replace the safety data sheet. Contact Zinox for primers and surface preparation systems.

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