

TECHNICAL DATA

Product Description

Diamond Vogel's premium chlorinated rubber POOL-Cote CR is the preferred product for painting or repainting existing swimming pools. POOL-Cote CR is an excellent choice when repainting previously painted chlorinated rubber surfaces. POOL-Cote CR is self-priming, flat finish rubber base paint formulated specifically for masonry surfaces exposed to wet conditions.

Intended Uses

Apply to:

- Concrete
- Gunitite
- Masonry surfaces
- Pools

Protects:

The above are general recommendations and not intended to limit the use of POOL-Cote CR. Test areas are always recommended to confirm results.

Physical Properties

Resin Type	Styrene-Butadiene Rubber
Finish/Sheen	Low Sheen, 5-10 @ 60°
Colors	White LH-1410, Blue LH-7410, Black LH-9490
Solids by Weight	63%
Solids by Volume	38%
Theoretical Coverage*	609 ft ² /gal @ 1 mil
Dry Film Thickness / Coat	1.5-2.0 mils (37.5-50 microns)
Wet Film to Achieve DFT	4.0-5.5 mils (100-137.5 microns)
Coverage at DFT*	304-406 ft ² /gal
VOCs	2.78-2.81 lbs./gal (334-337 grams/liter)
Reduction Solvents	DO NOT THIN
Clean-up Solvents	Diamond Vogel N-1110 Mineral Spirits or N-3023 Xylol
Drying Time**	Set to Touch: 3-4 hours at 70°F (21°C) and 50% Relative Humidity Dry Through: 24 hours at 70°F (21°C) and 50% Relative Humidity Immersion Service: 7 to 10 days at 70°F (21°C) and 50% Relative Humidity

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- * Coverage rates are estimates based on the products volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, surface porosity and texture.
- ** Dry times vary with surface temperature, air movement, humidity and film thickness. Allow an extra day of dry time for each day of rain.

Surface Preparation

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared prior to the application of this product. All surfaces should be checked for integrity of the substrate.

Masonry Surfaces: New concrete must cure for a minimum of 30 days at 72°F (22°C) prior to coating application. All surface projections, voids and depressions in the concrete should be filled using an appropriate product according to manufacturers' recommendations. Laitance must be removed. Abrasive blasting is recommended, however, acid etching can be used in some applications. Rake mortar joints clean and remove all soluble salts.

Previously Painted: Power or hand washing is recommended to remove contamination. If oil or grease is present, use of a cleaner/degreaser is required. All cleaning residue must be completely rinsed from the surface. Allow to dry. Remove all loose coatings by scraping, sanding or other abrading method as per SSPC-SP-2, Hand Tool Cleaning and SSPC-SP-3, Power Tool Cleaning or abrasive blast using SSPC-SP-6, Commercial Blast Cleaning or SSPC-SP-7, Brush Blast Cleaning. The soundness of aged concrete or existing painted surfaces should be checked by measuring the surface tensile strength with an adhesion tester. Any surfaces that are determined to be subpar should be repaired before continuing. All joints and cracks should be filled with hydraulic cement or a polyurethane sealant. Use sandpaper to dull slick, glossy and or non-porous surfaces. To determine if POOL-Cote CR is compatible with existing coatings, a test should be conducted for adhesion and for possible lifting of the previous coating.

TECHNICAL DATA**Surface Preparation (continued)**

Use of an acid wash using a 15 to 20% solution of muriatic acid to achieve a medium grade sandpaper finish on bare concrete is recommended. This should also remove most mineral deposits from previously painted surfaces.

Condensation: After all surface preparation has been completed and the pool area has been allowed to dry, a condensation test should be conducted. To determine if moisture is present; tape down one-square foot pieces of clear plastic with duct tape on the floor and wall in the deep end of the pool and several other areas of the pool. Wait for three hours and remove plastic. If condensation is present underneath the plastic the substrate is not dry enough to paint. Remove the plastic and wait for twenty four hours before you retest the surface. Continue with the test until no condensation forms under the plastic after a three hour wait.

Mildew: Remove by using a solution of one part household bleach and three parts water. Apply to mildewed area and scrub. Allow solution to remain on the surface for 3 to 5 minutes, then rinse completely and allow to dry before coating application.

Application

Stir material thoroughly prior to application. Intermix containers to ensure color uniformity of all material. Minimum surface and air temperature required for application is 40°F (4°C) and at least 5°F (3°C) above the dew point. Temperature, humidity and air movement affects curing. The minimums must be maintained for at least eight (8) hours in order to achieve proper film formation. Application at elevated temperatures, wind conditions, and/or low humidity may require special application procedures to achieve proper film formation. Do not paint when rain is expected.

Brush or Roller: A good quality natural bristle brush will make application easier. Select a roller cover suited for the texture of the surface to be coated. A mohair roller, lamb's wool roller, or a roller compatible with solvent base products is recommended. Apply product in full even coats. Maintain a wet edge. To ensure adequate film build, two coats are recommended when applying by brush or roller (see the drying times chart for recoat period). Allow the product to dry between coats.

Airless Spray: Flush airless lines with Diamond Vogel N-3023 Xylol. Equipment must be clean prior to start. Apply a wet coat in even, parallel passes with 50% overlap to avoid bare areas and pinholes. If required, crosshatch spray at right angles. Allow the product to dry between coats.

Tip Orifice	Atomizing Pressure	Material Hose ID	Manifold Filter
0.017" to 0.021"	2500–3000 PSI	1/4"	60 mesh

Packaging**Shipping Weight**

Product	1 Gallon	5 Gallon	Product	1 Gallon	5 Gallon
POOL-Cote CR	1 Gallon Pail	5 Gallon Pail	POOL-Cote CR	12.66 lbs. (5.74 kg)	63.09 lbs. (28.62 kg)

Storage

Two years from date of manufacture when maintained in protected area at a temperature of 40° to 100°F (4° to 38°C). Subject to inspection thereafter.

Safety Precautions

*WARNING! If you scrape, sand, 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 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.

Paint products contain chemical ingredients, which are considered hazardous. Prior to use, read container label warnings and the current Safety Data Sheet for important health and safety information. Ensure these instructions are practiced during product application and cure. **Keep out of the reach of children.**

Safety Data

"Safety Data Sheets" are available from your Diamond Vogel representative or the Diamond Vogel website at www.diamondvogel.com. Prior to use of this product, obtain and review the Safety Data Sheet for health and safety information. Read and observe all precautionary notices on container labels. **NOT INTENDED FOR RESIDENTIAL USE.**

TECHNICAL DATA**Limited Warranty**

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Diamond Vogel does not control the application of its products, or the condition of the surfaces to which they are applied, Diamond Vogel's liability will under no circumstances exceed replacement of the product. **All technical information is subject to change without notice.**

Additional Information

Cautions and Warnings information is located on the back panel of each product label.

For current information regarding VOC regulations for specific geographical regions, please contact Technical Service at Diamond Vogel Corporate Headquarters, (Contact information is located at the bottom of the page).