



Heavy Duty Protective Coatings

LH-Series POOL-Cote CR Chlorinated Rubber



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. LH-Series Pool-Cote CR is self priming; flat finish rubber base paint formulated specifically for masonry surfaces exposed to wet conditions.

INTENDED USES

Formulated for use on concrete swimming pools. It may also be used on plaster and gunite. Not for use on floors. Pool Cote CR should not be used on spas and whirlpools.

PHYSICAL PROPERTIES

Color	LH-1410 White, LH-7410 Blue, LH-9490 Black
Finish/Sheen	5 - 10 @ 60°
Resin Type	Styrene-Butadiene Rubber
Clean-up Solvents	Diamond Vogel N-3023 Xylol
Solids By Weight	63%
Solids by Volume	38%
Theoretical Coverage**	609 ft ² / gal @ 1 mil
Dry Film Thickness / Coat	1.5 - 2 mils (37.50 - 50 microns)
Wet Film to Achieve DFT	4 - 5.5 mils (100 - 137.50 microns)
Coverage at DFT**	304 - 406 ft ² /gal @ 2 - 3 mils DFT
VOC's	519 grams/liter
	Ranges from 458 - 520 depending on color
Thinning	DO NOT THIN
Drying Time* (hours)	<u>At 70°F (21°C)</u> Dry to Touch - 3 to 4 hours Dry Through - 24 hours Immersion - 7 to 10 days

* Dry times vary with surface temperature, air movement, humidity and film thickness. Allow an extra day of dry time for day of rain.

** 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.

RECOMMENDED TOPCOATS

LH-Series POOL-Cote CR

SURFACE PREPARATION

All surfaces must be cured, 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 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 scrapping, sanding or other abrading method as per SSPC-SP-2 and SSPC-SP-3 or abrasive blast. Aged surfaces should be checked for integrity. Hollow, weak or crumbling concrete or plaster should be tested by taping on surface. Any surfaces that are determined to be sub par 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 is compatible with existing coatings, a test should be conducted for adhesion and for possible lifting of the previous coating. 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.

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 and then rinse completely and allow to dry before coating application.

Condensation:

After all surface prep 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.

APPLICATION

Mechanically mix material prior to application. Inter-mix tinted containers to ensure color uniformity of all material. Protect product from freezing prior to and during application. Minimum surface and air temperature required for application is 40° F (4° C) and at least 5° F (3° C) above the dew point. Curing is affected by temperature, humidity and air movement. 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 3/8" nap mohair or lambs wool roller or a roller compatible with solvent base products is recommended. Apply product in full even coats. Maintain a wet edge. To insure 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 N3023 Xylol. Equipment must be clean prior to start. Apply the product in even coats and maintain a wet edge. Use multiple passes to achieve film build. Allow the product to dry between coats.

<i>Tip Orifice</i>	<i>Atomizing Pressure</i>	<i>Mat'l Hose ID</i>	<i>Manifold Filter</i>
0.017" to 0.021"	2500-3000 psi	1/4"	60 mesh

SAFETY PRECAUTIONS

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

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 Paints does not control the application of its products, or the condition of the surfaces to which they are applied, Diamond Vogel Paint's liability will under no circumstances exceed replacement of the product. **All technical information is subject to change without notice.**