

Kover Gard WB

High Performance Water-Based Acrylic Coating



APPLICATION GUIDE

SURFACE PREPARATION

Improper surface preparation can result in less than acceptable KOVER GARD™ WB performance.

It is very easy to blame adhesion problems that occur, on the coating that is used when poor surface preparation is really where the fault lies.

How well KOVER GARD™ WB performs is directly related to the concrete, metal or wood surface quality. Depending on surface to be treated, the following steps should be taken.

NEW CONCRETE

Surface must be sound and properly finished. Remove all dirt and foreign matter. Concrete surface is application ready when it is damp (not wet with bleed water) and can no longer be marred when walked on. A light broom finish offers the best adhesion and slip resistant properties.

CAUTIONS

Do not apply concrete curing compounds prior to the application of KOVER GARD™ WB.

OLD CONCRETE

Sandblasting, shot-blasting, or chemical stripping should remove any sealers or previous coatings.

Water blasting and sandblasting requires skilled crews. The nozzle distance from the surface, duration of each pass, and pump pressure are critical in removing all unsound concrete, sealers, coatings, oils and contaminants.

Shot-blasting also requires skilled crews and provides an excellent bond surface for KOVER GARD™ WB. Shot-blasting is a one step method that strips, cleans, and etches all at once. It leaves the surface dry and chemically free without generating dust pollution and it totally eliminates any drying time required before KOVER GARD™ WB can be applied. Portable shot-blasting is recommended for interior locations.

Apply Kover Krete Super Stripper™ to area allowing soaking 20-30 minutes then pressuring wash off residue, next apply Kover Krete Concrete Profiler™, followed by an aggressive cleaning of entire area using a 3000-3500

psi (4-10 GPM) pressure washer.

Old concrete surfaces that have not other sealers or coatings applied should be cleaned and degreased first by using Kover Krete Citra-Klean SB™ pressure wash off residue, next profile the concrete surface using Kover Krete Concrete Profiler™, followed by an aggressive pressure washing off of entire area using a 3000-3500 psi (4-10 GPM) pressure washer. Slick trowel finish floors may require a second application of Concrete Profiler™ followed by a second pressure washing application process. Properly etched concrete produces a sandpaper finish that has the "teeth" to form a successful bond. If this is not achieved repeat etching process. Allow concrete to dry (24 hours if possible).

POOL DECKS

Follow the same procedure as above with exception to the following: Pool decks usually have black algae stains.

Algae are microbes that must be killed with chlorine. The correct method for cleaning is to use undiluted chlorine bleach and scrub thoroughly, after which rinse excessively with clean water. After rinsing off residue with 3000-3500 psi (4-10 GPM) pressure washer. THIS STEP MUST BE FOLLOWED AS DIRECTED, otherwise a harsh chemical reaction will occur. After this step is completed then apply Kover Krete Concrete Profiler™ allowing to soak until foaming has stopped. Agitate lightly with a brush or broom, followed by an aggressive cleaning of entire area using a 3000-3500 psi (4-10 GPM) pressure washer.

When selecting color for pool decks, choose a light color, which will be cooler to bare feet.

BARE WOOD AND METAL

Wood and metal must have a clean and sound surface. Priming in some cases is necessary. Stain resistant primer is recommended.

ASPHALT SURFACES

Asphalt surfaces must be cured a minimum of 15 days, thoroughly cleaned with detergent and flushed with water.

PREVIOUSLY PAINTED SURFACES

An aspect of coating bare concrete that makes surface preparation very important is the eventual re-coating. Because of hard, non-resilient nature of concrete floors, coatings such as KOVER GARD™ WB wear through quicker in areas where traffic is heavy.

Generally, to restore its original appearance the whole floor must be re-coated. A floor with the coating worn through in places is re-coatable; a floor with a coating that is peeling or flaking badly is not a coatable surface. Even if the loose material were scraped away before re-coating,

it is likely that adhesion problems would continue since the real cause of failure had not been corrected. Old chalking, mildew and rust covered surfaces should never be re-coated without having first been sanded and cleaned. Glossy areas should be also sanded and cleaned.

Frequently, it is desirable to coat previously coated areas and newer uncoated surfaces at the same time to provide uniformity of appearance. If the former coating is tightly bonded the following cleaning guides are as such: Apply Kover Krete Super Stripper™ to area allowing to soak 20-30 minutes then pressure washing off residue, next apply Kover Krete Concrete Profiler™, followed by an aggressive cleaning of the entire area using a 3000-3500 psi (4-10 GPM) pressure washer. If the former coating is peeling, a close examination of the peeling often will show bits of concrete adhering tightly to the underside of the coating suggesting concrete surface failure not coating failure. This surface was not sound and properly prepared before coating. If the peeling shows a thin layer of fine cement powder on the underside, this is an indication of a weak concrete surface because of poorly hydrated or finished concrete. This type of surface must be removed before KOVER GARD™ WB is applied.

APPLICATION

KOVER GARD™ WB can be applied with a clean brush, roller, or commercial spray equipment. MODIFY FIRST COAT WITH 20% WATER. STIR THOROUGHLY BEFORE APPLICATION. SECOND COAT MUST BE APPLIED FULL STRENGTH. Two coats are suggested for efficient protection and longevity.

FOR BEST PERFORMANCE

- Substrate temperatures should be below 95°F and above 50°F. High humidity and low temperatures will extend dry times; high temperature will shorten dry time.
- Test installation is encouraged and highly recommended.
- Store in a cool, dry place. Keep all materials from freezing.
- Modify first coat with 20% water. Stir thoroughly before application.
- Second coat must be applied full strength.
- All Kover Gard™ paints (1-gal & 5-gal) MUST be re-stirred and boxed PRIOR to use to assure proper color matching.

CAUTIONS

Test areas should always be applied when unfamiliarity of surface and/or product exists. This will determine if the surface is properly prepared, probable coverage and the method test suited for application. Apply the sample to the actual job surface using the application methods, which will be used at the job site. Under some circumstances the application of KOVER GARD™ WB can accentuate certain variations of the surface. Special consideration should be given patches and all surfaces of different porosity rates. When only one coat is applied, surface texture and varying porosity rates will accept KOVER GARD™ WB with varying intensities thus color shade changes are possible.

CLEAN UP

In case of spillage, sweep into appropriate container, and dispose of in

accordance with application local regulations. Flush area with large amounts of water. Wash tools and equipment with soap and hot water while KOVER GARD™ WB is still liquid.

FIRST AID

EYE AND SKIN CONTACT: PROMPTLY wash eyes with plenty of water for 15 minutes. Consult a physician if irritation persists. Wash skin thoroughly with soap and water.

INGESTION: If victim is conscious, drink plenty of water (8 glasses minimum). Call a physician.

INHALATION: remove to fresh air.

**KEEP OUT OF REACH OF CHILDREN
NOT FOR INTERNAL CONSUMPTION
FOR INDUSTRIAL USE ONLY!**

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CONTRACT PACKAGING INC.

22 N. Dollins Avenue - Orlando, FL 32805

Tel. (407) 246-7797 - Fax. (407) 481-2261 - www.koverkrete.com