

Klear Gard WB

High Performance Water-Based Clear Acrylic Coating



APPLICATION GUIDE

SURFACE PREPARATION

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

The success of any coating application is directly proportional to the completeness of the substrate preparation. Surface must be clean and structurally sound.

CONCRETE AND MASONRY SURFACES

Adequate surface preparation is critical for successful KLEAR GARD™ WB performance. No sealer will adhere unless it is applied to a properly prepared surface that is sound and free of contaminants. Surfaces where the pores may be clogged with dirt, dust, grease, oil or spilled product (chemicals, food, etc.) form a barrier to adhesion and must be eliminated. Old sealers or coatings should be tested for their adhesion to the substrate or totally removed prior to application of KLEAR GARD™ WB.

Concrete substrates present special problems because of the surface variability. Types of surface preparation methods for concrete are mechanical, chemical, or a combination of the two. Because of the possible environmental hazards of cleaning chemicals, contractors often prefer mechanical preparation methods, such as shot blasting or sandblasting. New concrete surfaces must be cured 30 days or more and may require surface preparation such as removal of concrete laitance or curing compounds. Clean and degrease first by using Kover Krete Citra-Klean SB™, pressure wash off residue, next profile concrete using Kover Krete Concrete Profiler™, followed by an aggressive pressure washing off of entire area using a 300-3500 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. If concrete is porous, 2 or more applications will be required. Apply a test patch if surface preparation and bonding is questionable.

TEST FOR MOISTURE

Before KLEAR GARD™ WB can be applied using an 18" x 18" square 2-mil plastic sheet check the presence of moisture in the concrete substrate. Clean all dust and oils off of the concrete. Tape down the 18" square plastic film with duct tape on all 4 sides, making sure the

perimeter is totally sealed. The patches should remain on the surface for at least 48 hours.

When removed, the plastic and concrete should be dry and free of moisture. Any darkening of the concrete in the test area indicates the presence of moisture. If the area is contaminated with moisture, do not apply.

PAVERS / BRICKS / CLAY PRODUCTS

Old sealers or coating MUST BE REMOVED totally prior to application of Klear Gard WB™. Failure to follow this guide line will result in white spots bleeding through after a period of time, WHICH IS NOT A WARRANTY ISSUE COVERED BY CONTRACT PACKAGING INC. WARRANTY. Guidelines are as follows: Apply Kover Krete Super Stripper™ to area allowing to soak 20-30 minutes then pressure wash off residue. Next apply Kover Krete Concrete Profiler™ followed by an aggressive cleaning of entire area using a 3000 to 3500 PSI (4-10 GPM) pressure washer. Once old sealers have been totally removed, pavers must be allowed to dry 48-72 hours BEFORE applying Klear Gard WB™. Then 1st coat must be cut 50% to allow sealer to penetrate and seal pavers then apply 2nd coat full strength.

APPLICATION

Do not dilute or alter product. Apply with commercial spray equipment, brush, roller, or lambs wool applicator. On smooth concrete use commercial spray equipment, lambs wool applicator or short-nap roller. On rough concrete (broomed or textured) use commercial spray equipment, brush, or 1 1/4" - 1 1/2" lambs wool roller. The commercial spray equipment method is preferred on rough surfaces. CAUTION: rollers tend to incorporate air into product during application especially with excessive rolling. Apply uniformly to form a continuous film on the surface without thick or ponded areas. If necessary to brush apply, take care to flow material on like lacquer. Over brushing can cause foaming, pinholes and an unsightly appearance. Commercial spray equipment will give best results for large areas. Industrial low-pressure type pump sprayer with neoprene hose and gaskets may be used for small areas. To ensure proper application with commercial spray equipment, use only clean or new industrial grade sprayer equipment with a non-adjustable fan tipped nozzle, neoprene hose and gaskets. Maintain sufficient pump pressure throughout application. Uniform surface coverage is essential, avoid puddling in low areas. If material starts to come out in a stream, verses a fog, or starts to come out in spits and sputters, the nozzle has become clogged. Stop immediately and clean nozzle with water (preferably HOT) or lacquer thinner before proceeding. Clean the commercial spray equipment immediately after use with hot water or a lacquer thinner.

It is important to prepare the spray equipment to accept the waterborne sealer especially if it was previously used for solvent borne sealers or paints. The lines should be flushed with soapy water followed by tap

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water and the KLEAR GARD™ WB. In adjusting the sprayability of the KLEAR GARD™ WB it is best to start with the smallest possible tip opening and lowest possible pressure, then adjust to optimum atomization. Spraying at the lowest possible pressure eliminates unnecessary turbulence that generates excessive foam and over spray. It is important that during stoppage of work that the gun's tip be immersed in water to prevent clogging.

DRY TIME

Light Traffic 2-3 hours
Normal Traffic 4-8 hours
Maximum Hardness 7 days

CAUTIONS

On new masonry surfaces do not apply KLEAR GARD™ WB until concrete has cured and moisture is no longer present. On thin toppings this may be 24 hours, 4" concrete slabs may be 14 to 28 days.

KLEAR GARD WB™ is not recommended to be used over a pure white finish.

Surfaces that are saturated with oil or have had other product applied need to be properly cleaned. A clean, sound, dry, concrete surface is required for adhesion. KLEAR GARD™ WB is not recommended for surfaces that have been cleaned but still have some oil in the concrete surface. Test area is required prior to full-scale application.

Apply at temperatures above 50° F. Use adequate ventilation. For interior applications, ventilation system should be capable of exchanging total air volume in application area in 30 minutes or less. Avoid prolonged or repeated breathing of vapor or spray mist.

If after applying product, AND BEFORE IT IS ALLOWED TO DRY/CURE, rain, sprinklers, gutter leaks, etc. damage the area, the resulting effects are blistering, flaking, thin white spots that MUST BE removed 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. Allowing the area to dry completely and then reapply the next application.

FOR BEST PERFORMANCE

- Substrate temperatures should be below 95°F and

above 50°F. High humidity and low temperatures will extend dry times.

- Test installation is encouraged and highly recommended.
- Store in a cool, dry place. Keep all materials from freezing.
- Use only clean or new industrial grade sprayer equipment with a non-adjustable fan tipped nozzle, neoprene hose and gaskets.
- If concrete is porous, 2 or more applications will be required.

CLEAN UP

All equipment (including brushes, lambs wool, and roller) should be cleaned immediately after use and KLEAR GARD™ WB should not be allowed to dry on the equipment. Rinsing or flushing with tap water is adequate when done prior to sealer hardening or film formation. Otherwise, acetone, MEK, lacquers, thinner, or other strong solvent will then be needed with some scrubbing.

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.

Before using this product, please refer to the MSDS sheet for additional cautionary information and safe handling instruction. Handlers should wear suitable protective clothing, safety glasses, approved masks, and solvent resistant gloves.

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