

# Klear Gard SB

High Performance Solvent-Based Clear Acrylic Sealer



## APPLICATION GUIDE

### PRODUCT COVERAGE

1 application .. 200-400 sq. ft. per gallon  
Coverage will vary with texture  
and porosity of surface.

### SURFACE PREPARATION

Improper surface preparation can result in less than acceptable KLEAR GARD™ SB 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™ SB performance. No sealer will adhere unless it is applied to a properly prepared surface that is sound and free of contaminates. 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 must be removed totally prior to application of KLEAR GARD SB™. 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 THE CONTRACT PACKAGING INC. WARRANTY. Apply Kover Krete™ Super Stripper to area to allow soaking of 20-30 minutes then pressure wash off residue. Next apply Kover Krete™ Concrete Profiler, followed by an aggressive cleaning of entire area using a 300-3500 psi (4-10 GPM) pressure washer prior to application of Klear Gard™ SB.

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 Citra-Klean SB™, pressure wash off residue, next profile concrete using Concrete Profiler™, followed by an aggressive pressure washing off of entire area using a 3000-3500 psi (4-10 GPM) pressure washer. If concrete is porous, 2 or more applications will be required. Apply

a test patch if surface preparation and bonding is questionable.

### PAVERS, BRICKS OR CLAY PRODUCTS

Old sealers or coatings must be removed totally prior to application of KLEAR GARD SB™. 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 THE CONTRACT PACKAGING INC. WARRANTY. Apply Kover Krete™ Super Stripper to area to allow soaking of 20-30 minutes then pressure wash off residue. Next apply Kover Krete™ Concrete Profiler, followed by an aggressive cleaning of entire area using a 300-3500 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™ SB. First coat must be cut 50% to allow the sealer to penetrate and seal pavers then apply second coat full strength.

### TEST FOR MOISTURE

Before KLEAR GARD™ SB can be applied using an 18" x 18" square 2-mil plastic sheet check the presence of moisture in the brick, stucco, plaster, rock, and concrete substrate. Clean all dust and oils off of the brick, stucco, plaster, rock, and 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 brick, stucco, plaster, rock, and concrete should be dry and free of moisture. Any darkening of the brick, stucco, plaster, rock, and concrete in the test area indicates the presence of moisture. If the area is contaminated with moisture, do not apply.

### APPLICATION

**Do not** dilute or alter product. Apply with spray, brush, roller, or lambs wool applicator. On smooth brick, stucco, plaster, rock, and concrete use commercial spray equipment, lambs wool applicator or short-nap roller. On rough brick, stucco, plaster, rock, and concrete (broomed or textured) use commercial spray equipment, brush, or long-nap 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. A commercial sprayer 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 sprayers, 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

Manufactured by

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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 lacquer thinner before proceeding. Clean the sprayer immediately after use with a lacquer thinner.

### 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™ SB until brick, stucco, plaster, rock, and concrete has cured and moisture is no longer present. On thin toppings this may be 24 hours, 4" brick, stucco, plaster, rock, and concrete slabs may be 14 to 28 days.

Applying KLEAR GARD™ SB to a wet damp surface will cause poor bonding and a milky white or frosty appearance. If applied too heavily, the coating will cure with a milky appearance and the transparency will be impaired. If the excessively applied coating is exposed to rain or flowing water prior to full cure it will turn milky. If this occurs the following guidelines should then be followed: Remove by using Concrete Profiler™, followed by an aggressive pressure washing off of entire area using a 3000-3500 psi (4-10 GPM) pressure washer. Allowing area to dry completely and then reapplying the next application. Application temperatures should be above 50° F (10.0°C) and rising. Use adequate ventilation. 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.

### 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.
- Do not apply to new surfaces until brick, stucco, plaster, rock, and concrete has cured and moisture is no longer present.
- If brick, stucco, plaster, rock, and concrete is porous, 2 or more application will be required.
- Use adequate ventilation.

### CLEAN UP

Clean brushes, tools, sprayers, rollers and other equipment with lacquer thinner or xylol. All equipment (including brushes, lambs wool, and

roller) should be cleaned immediately after use and KLEAR GARD™ SB should not be allowed to dry on the equipment. Rinsing or flushing with lacquer thinner is adequate when done prior to sealer hardening or film formation. Otherwise, acetone, MEK, or other strong solvent will then be needed with some scrubbing.

### WARNING

**COMBUSTIBLE:** contains mineral spirits and aromatic solvent. In case of fire use CO<sub>2</sub>, dry chemical, or universal type foams. Cool closed containers with water. The skin of some people may be sensitive to the solvents used and in such cases protective gloves or creams should be worn and if necessary face protection. Empty containers may contain explosive vapors or residues. DO NOT cut or weld empty container. Store empty container away from sources of ignition. Store drums upright or on side away from excessive heat. Re-tighten bungs immediately after each use to avoid contamination.

### FIRST AID

**EYE AND SKIN CONTACT:** PROMPTLY wash eyes with plenty of lukewarm water for at least 15 minutes and call a physician.

**INHALATION:** remove from exposure, administer oxygen if breathing is difficult.

**INGESTION:** harmful if swallowed. Do not induce vomiting. Small amounts of liquid aspirated into lungs may cause serious pulmonary injury.

**SKIN CONTACT:** wash thoroughly with soap and water. If irritation persists, seek medical aid.

**SAFETY EQUIPMENT:** Solvent resistant gloves, goggles and if applied in areas of poor or inadequate ventilation, use mine safety mask and canister (Organic Vapor Canister No. 77705 GMA.)

**KEEP OUT OF REACH OF CHILDREN  
NOT FOR INTERNAL CONSUMPTION  
FOR INDUSTRIAL USE ONLY.  
Contains a petroleum distillate.  
Keep away from heat or open flame.**