

Klear Gard WB

High Performance Water-Based Clear Acrylic Coating



PRODUCT INFORMATION

DESCRIPTION

KLEAR GARD™ WB is a water-based clear acrylic emulsion formulated to be used as a concrete sealer and dust-proofer. It is a light amber liquid that dries clear leaving a protective film that provides performance characteristics comparable to a solvent based acrylic sealer. Further, the water based nature of KLEAR GARD™ WB makes the product non-flammable and non-toxic allowing the user to avoid health hazards encountered with solvent based systems, particularly when used in enclosed areas. When it comes to versatility, cost, performance, and safety, KLEAR GARD™ WB offers a new and unattainable balance of properties.

Color Options: Use Klassic Kolor dyes available in 12 colors (see chart), or Kolor Packs to create 20+ color options.

BASIC USES

Un-surfaced structural concrete functions as flooring in residential, industrial, and commercial buildings such as homes, warehouses, factories, office buildings and shopping centers. Concrete serves well in this role because it has tremendous compressive strength and durability. Despite these virtues, un-surfaced concrete presents two major drawbacks as a flooring material. First, it is generally extremely porous; second; it is relatively brittle with an irregular surface pattern leading to the development of dust. The shear force generated by the passage of heavy traffic over the concrete abrades tiny surface irregularities that are released as dust particles. To prevent dust, architects and maintenance crews customarily apply a concrete sealer and a dust-proofer such as KLEAR GARD™ WB that is designed to penetrate into the open concrete pores filling them with a hard polymer resin, while also coating the surface for added protection. This penetration and surface protection is very important in providing a long life to concrete surfaces.

ADVANTAGES

- Toughness to withstand heavy traffic
- Excellent resistant properties to most industrial chemicals
- Easy application: spray, brush or roller
- Facilitates cleaning.

- Excellent re-coatability, intercoat adhesion
- Non-flammable and non-toxic
- Enhances the color of colored concrete or stone aggregates.

LIMITATIONS

KLEAR GARD™ WB is not to be used as a concrete curing compound nor is it recommended where upward water migration through the slab is possible. Use only on clean, dry concrete surfaces. Do not apply to wet or damp surfaces. This will cause poor bonding and a milky or frosty appearance. If applied too heavily (less than 200 sq. ft. per gallon) KLEAR GARD™ WB may cure with a milky appearance and the transparency will be impaired.

Do not apply over other brands of sealers. 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.

CONCRETE OVERLAYS AND TOPPING MAY NOT BOND TO KLEAR GARD™ WB TREATED SURFACES. CERAMIC TILE THAT WILL BE BONDED WITH CEMENT BASE GROUT MAY NOT ADHERE TO SLABS SEALED WITH KLEAR GARD™ WB. Liquid hardeners will not penetrate sealed surfaces. KLEAR GARD™ WB IS COMPATIBLE WITH MANY CARPET, COMPOSITION TILE, AND OTHER FLOOR COVERING ADHESIVES. A TEST SECTION IS RECOMMENDED PRIOR TO INSTALLATION BECAUSE OF THE VARIETY OF NEW ADHESIVES BEING INTRODUCED TO THE MARKET. COMPLETE MEMBRANE REMOVAL MAY BE REQUIRED FOR CERTAIN ADHESIVES.

May not be suitable in areas where hot oil, grease, or fat spillage are common such as kitchens or where hot motor oil or hydraulic oils are continuously spilled such as automotive garage areas. Concrete sealers do not promote slippage however; water or other liquids that remain on top of a smooth, hard-troweled, sealed concrete surface will increase the slip potential of that surface. Consider type of finished surface, traffic and conditions when specifying sealers for exposed surfaces.

Kover Gard WB™ is not recommended to be used over a pure white finish.

Although KLEAR GARD™ WB is a clear, non-yellowing film, any clear coating can change the light refraction characteristics of the surface giving the visual effect of a slight color change. All surfaces should first be tested for compatibility prior to full application. Follow the correct surface preparation, and then apply a small amount of (approximately 18" X 18") in an inconspicuous location. This should determine if the product is suited for your intended application.

Manufactured by

CONTRACT PACKAGING INC.

22 N. Dollins Avenue - Orlando, FL 32805

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KLEAR GARD™ WB TECHNICAL DATA

Composition and Materials

Acrylic resin emulsion suspended in water. Contains no wax, paraffin, or oil.

Color	Light Amber
Solids	49% by weight
Odor	Low

DRY TIME

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

CHEMICAL RESISTANCE

10% Sulfuric Acid	Excellent*
10% Hydrochloric Acid	Excellent*
10% Nitric Acid	Excellent*
40% Sodium Hydroxide	Excellent*
100% Vegetable Oil	Excellent*
100% Mineral Oil	Excellent*
Aliphatic Solvents	Good*
Hydraulic Oil	Poor
Aromatic Solvents	Poor
Gasoline	Poor

*Good maintenance is essential in areas where chemical spillage is likely to occur.

It is especially important that such chemical spillage should not be allowed to dry as higher concentrations of chemicals become involved. KLEAR GARD™ WB will offer temporary protection to aliphatic solvent spillage but is not designed for areas where continuous spillage of petroleum products (gasoline, hydraulic oil, etc) may be expected.

PRODUCT COVERAGE KLEAR GARD™ WB

One application	200-400 sq. ft. per gallon
Coverage will vary with texture and porosity of the concrete	
PACKAGING	
KLEAR GARD™ WB	1 and 5 gallon pails

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