



White Mountain

Crystal Seal™

Water Base Stain Resistant Sealer for Concrete, Tile and Masonry



Description:

Crystal Seal is the latest in water base ultra violet resistant acrylic microemulsion technology for concrete and masonry surface protection. **Crystal Seal** creates a non-yellowing barrier coating that seals, protects and enhances the natural beauty of the surface it is applied to. It also makes a perfect base coat on tile floors prior to the application of White Mountain "Traffic Coat" buffable floor polish.

On porous substrates (concrete pavers) **Crystal Seal** will deeply penetrate; providing years of protective service.

White Mountain Crystal Seal will retard but not eliminate efflorescence. **Crystal Seal** will resist most stains up to 72 hours. However, oils and solvents should be wiped up as soon as possible.

For Use On:

- Colored and stamped concrete
- Exposed aggregate concrete
- Interlocking concrete pavers
- Mexican Tile - Saltillo
- Manufactured stone
- Masonry brick
- Natural stone
- Slate

Features:

- Resistant to oil and grease stains
- Interior and exterior use
- Excellent adhesion
- Water repellent
- Non yellowing
- Easy to apply
- UV resistant
- Recoatable

Limitations:

Not recommended for pre-sealed surfaces or non porous surfaces such as ceramic tile, marble, granite, porcelain and terrazzo.

Specifications:

VOC: [as packaged] 149 g/l – (1.25 lbs./gal.)
WEIGHT PER GALLON: [average] 8.4 lbs.
FLASH POINT: [setaflash] >240°F
APPEARANCE: Milky but clear when dry
ODOR: Mild
PACKAGE VISCOSITY: 19 sec. Zahn Cup #2
SOLIDS: [average]
 By Weight 17.2%
 By Volume 18.2%

COVERAGE: [average]
 Porous Surface 50 – 200 sq.ft./gal
 Dense Surface 600 – 800 sq.ft./gal
 [For exact coverage rates, a measured quantity to proper saturation over a known area will provide a square foot coverage rate for a specific job.]

DRY SCHEDULE:

	45° F.	60° F.	75° F.	90° F.
<i>Dry to Touch</i>	3 hrs	2 hrs	1 hrs	½ hr
<i>Rainproof/Cured</i>	24 hrs	24 hrs	24 hrs	24 hrs

ORDER CODE: W1-01

PACKAGING: [average]
 8 -1 quart plastic jugs per case 16 lbs.
 4 -1 gallon plastic jugs per case 40 lbs.
 1 - 5 gallon pail 50 lbs.

SHIPPING DESCRIPTION: [CFR 49]
 Ground/Air/Vessel: Not Regulated

UNIFORM FIRE CODE: [CFR 29] Non combustible

STORAGE TEMPERATURE: 35° F. - 120° F.
 Keep Water Base Products From Freezing!

SHELF LIFE: [warranted] 1 Year

"HMIS" RATINGS: H - 1; F - 0; R - 0; PP - H



Crystal Seal: Water Base Stain Resistant Sealer for Concrete, Tile and Masonry

IMPORTANT NOTE: Before use on a job, thoroughly test this product on a sample to assure performance and appearance. See "water penetration test" below.

Preparation:

Surface must be completely clean and dry to the touch. Remove all dirt, wax, old paints or sealers with appropriate cleaner, chemical stripper or abrasive blasting. If muriatic acid has been used, the surface must be flushed with clean water and neutralized with a pH neutralizer. We do not recommend muriatic acid for cleaning concrete as it will discolor the surface, etch the concrete, and is hazardous to use. After cleaning, allow surface to dry 24 hours prior to sealer application. Allow new concrete to cure for at least 14 days before application.

Application:

Crystal Seal can be applied with a sponge, brush, roller, or most types of spray equipment. One coat will seal, protect and enhance the beauty of the surface. Additional coats will give more protection and higher gloss. If a second coat is desired, apply as soon as the first coat is dry to the touch.

For small areas, a pump-up garden sprayer is convenient, however, do not allow the sealer to dry on the spray tip. If this occurs, soak tip in lacquer thinner and clean with stiff brush.

Brush synthetic bristle brush.

Roller "1/4" nap lambs wool roller.

Airless sprayer tip size 0.013" – 0.015"

Porous Surfaces:

(paver brick, flagstone, Mexican clay tile, etc.) Generally, one coat will provide adequate protection. A second coat will provide added protection and higher gloss. To strengthen old, porous and crumbling surfaces additional applications may be required.

Dense Surfaces:

(slate, limestone, stone, concrete tile, etc.) One light to moderate coat supplies complete protection and a satin finish. More than one coat for dense surfaces is not recommended.

Do not apply **Crystal Seal** during inclement weather or in direct sunlight when temperature exceeds 80°F.

Application to a damp surface or incompletely cured concrete may cause a hazy appearance or loss of adhesion. Air and surface temperature should be be-

tween 50° and 90°F for 24 hours following application.

IMPORTANT NOTE: Over application and excess sealer should not be allowed to pool or puddle. Wipe up any pools after 15 minutes.

Water Penetration Test: Sprinkle a small amount of water on the sealed surface. If water penetration occurs or if water does not bead up on the surface, apply additional sealer. This test should be performed for each applied coat.

CLEAN UP: When wet, flush with clean water. When dry, lacquer thinner or xylene.

TO REMOVE: Abrasive blasting

Safety Information:

CAUTION: LIQUID CONTACT WITH EYE AND SKIN CAUSES IRRITATION. DO NOT INGEST. Contains ethylene glycol ethyl hexyl ether, CAS # 1559-35-9 and propylene glycol monobutyl ether, CAS # 5131-66-8. Avoid contact with eyes and skin. Wash hands thoroughly after using and before eating and smoking. If spillage has occurred, absorb and dispose of according to local regulations.

FIRST AID: Should eye contact occur, flush with plenty of water for at least 15 minutes and get medical attention if vision is disturbed. For skin wash thoroughly with soap and water. If swallowed get medical attention immediately. DO NOT induce vomiting.

KEEP THIS PRODUCT OUT OF THE REACH OF CHILDREN.

(09/10/03)

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