

CRYSTAL CLEAR VOC

100% PURE ACRYLIC LOW VOC CONCRETE SEALER

DESCRIPTION

Increte System's CRYSTAL CLEAR VOC is a low VOC (<350 g/L), solvent-based concrete sealer formulated with exempt solvents and crystal clear acrylic resins for use in regions with strict VOC limitations. CRYSTAL CLEAR VOC is resistant to salt-spray, acids, alkali, water, ultraviolet rays, and wet and dry abrasion. This sealer formulation is specifically designed to provide excellent penetration, flow and cure characteristics. Highly recommended for exterior use. States with such restrictions include all member states of the Ozone Transport Commission (OTC): ARIZONA (MARICOPA COUNTY); CONNECTICUT; DELAWARE; DISTRICT OF COLUMBIA; ILLINOIS; MAINE; MARYLAND; MASSACHUSETTS; NEW HAMPSHIRE; NEW JERSEY; NEW YORK; OHIO; PENNSYLVANIA; RHODE ISLAND; VERMONT; VIRGINIA

Note: Due to changing environmental regulation, this list is subject to change. Consult your local environmental agencies.

PRIMARY APPLICATIONS

- Curing and Sealing
- Stamped Concrete
- Color-Crete Integral Colored Concrete
- Overlays
- Acid-Stained Concrete
- Concrete Pavers
- Terrazzo
- Kool Deck or Keystone

FEATURES/BENEFITS

- Ensures proper curing of new concrete
- Pure acrylic polymer ensures no yellowing and a more breathable seal
- Enhances the appearance of colored concrete
- Harder and more durable than standard cure & seals
- Slower drying than products based on acetone or tert-butyl acetate exempt solvents

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions of 73°F (23°C), 50% RH.

Dry to touch20 minutes	Recoat1 to 24 hours
Foot traffic6 hours	Wheel traffic 24 hours
VOC content335 g/L	Flash point (tag closed cup)63°F (17°C)
Adhesion to concreteexcellent	Alkali resistance 48 hour exposureexcellent
Resistance to yellowing from UV exposureexcellent	Solvent resistanceminimal
Solids content> 25%	Moisture loss (ASTM C 156)< 0.40 kg/m ²

**Low concrete or air temperature and/or high relative humidity will extend drying time.*

PACKAGING

1 gallon, 5 gallon pail, 55 gallon



INCRETE SYSTEMS

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SHELF LIFE

3 years in original, unopened container.

COVERAGE

First Coat: 300 ft²/gallon (7.4 m²/L) **Second Coat:** 400 ft²/gallon (9.8 m²/L)

Coverage will vary from the above rates depending on surface porosity, application method and texture of surface. NOTE: THICK APPLICATIONS OR BUILD-UP OF MULTIPLE COATS WILL LEAD TO DISCOLORATION, WHITENING, BUBBLING, AND POOR PRODUCT PERFORMANCE.

SPECIFICATIONS/COMPLIANCES

USDA compliant
ASTM C 1315, Type 1, Class A
ASTM C 309 Type 1, Class A & B

DIRECTIONS FOR USE

Preparation: All old paint, oil, and grease must be removed. It is required that most concrete must be etched as a porous surface. Etching should be done with 10 parts water to 1 part Muriatic Acid Solution. Extremely hard or polished concrete may require a second application with a stronger solution. Rinse surface thoroughly with plenty of clean water and let dry completely.

Application: Apply at a uniform coverage with an industrial hand held pump-up or airless sprayer, or by roller. Common garden-type sprayers should not be used. If applying by roller, use a short 3/8" nap, solvent resistant roller cover. The first coat of CRYSTAL CLEAR VOC acts as a primer for the second coat. Allow the first coat to dry tack-free before applying the second coat. Best performance and appearance is achieved with two coats, following the prescribed coverage rates. In order to achieve more non-slip surface, add INCRETE SHUR GRIP to the final coat of sealer.

Application of CRYSTAL CLEAR VOC too heavily, in too many successive coats, or in multiple coats over time can cause bubbling, whitening, peeling, and ultimate failure of the product. To prevent over-application, it is good practice to measure the area to be sealed and the corresponding volume of product required based on the coverage rate. Also, applying CRYSTAL CLEAR VOC in hot weather or onto a hot surface can cause bubbling. If CRYSTAL CLEAR VOC is showing signs of over-application, scrub the surface with a solvent such as INCRETE SOLV-KLEEN, acetone or xylene, using a stiff natural bristle brush. Keep the surface wet with the solvent while scrubbing, adding more if necessary. The solvent will turn the sealer back into a liquid form, at which point excess material can be wiped off with a lint-free mop or towel. Do not apply additional sealer. After removing the excess CRYSTAL CLEAR VOC, a roller can be used to redistribute the remaining product evenly across the surface, adding more solvent as necessary to keep the sealer wet.

Use INCRETE SOLV-KLEEN, xylene, or acetone for cleaning tools

SAFETY PRECAUTIONS

Consult product MSDS for all safety and handling instructions.

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