



# CRYSTAL CLEAR VOC

100% PURE ACRYLIC LOW-VOC CONCRETE SEALER

## DESCRIPTION

**CRYSTAL CLEAR VOC** is a low VOC, solvent-based concrete sealer formulated with exempt solvents and acrylic resins for use in VOC-regulated regions. **CRYSTAL CLEAR VOC** protects and enhances the appearance of concrete with a non-yellowing film. **CRYSTAL CLEAR VOC** gives concrete a satin finish that highlights the color and texture of the surface.

## PRIMARY APPLICATIONS

- Stamped, colored concrete
- Terrazzo
- Driveways and sidewalks
- Acid-stained concrete
- Concrete pavers
- Decorative concrete overlays

## 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, can be tinted

## TECHNICAL INFORMATION

Typical Engineering Data

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

Dry to touch.....	20 minutes	Recoat.....	2 to 24 hours
Foot traffic.....	1 hour	Wheel traffic.....	10 to 12 hours
VOC content.....	335 g/L	Flash point (tag closed cup).....	63 °F (17 °C)
Adhesion to concrete.....	excellent	Alkali resistance 48 hour exposure.....	excellent
Resistance to yellowing from UV exposure...excellent		Solvent resistance.....	minimal
Solids content~ 25%		Moisture loss (ASTM C 156).....	< 0.40 kg/m <sup>2</sup>

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

## PACKAGING

CRYSTAL CLEAR VOC is available in 1 gal (3.8 L), 5 gal (18.9 L) and 55 gal (208.2 L) units

## SHELF LIFE

3 Years in original, unopened container.

## SPECIFICATIONS/COMPLIANCES

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

## COVERAGE

First Coat: 300 ft<sup>2</sup>/gal (7.4 m<sup>2</sup>/L) Second Coat: 400 ft<sup>2</sup>/gal (9.8 m<sup>2</sup>/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. A test area is highly recommended to determine suitability.

## DIRECTIONS FOR USE

Preparation Existing Concrete: All paint, oil, and grease must be removed from the surface either mechanically or chemically using Uni-Stripp. Clean surface with GREASE-A-WAY per directions. After cleansing, rinse or pressure wash surface completely and allow to dry.

Stamped Concrete: Surface must be free of all un-bonded release agent powder or liquid release prior to application of sealer.

Application: Apply at a uniform coverage rate with an industrial hand-held pump-up sprayer equipped with a 0.5 gal/min (1.9 L/min) tip and neoprene fittings. Common garden-type sprayers should not be used. CRYSTAL CLEAR VOC dries quickly. While spraying, keep the sprayer tip within 8 in (20 cm) of the concrete surface. Back-roll over spray-applied sections using a short, 1/4 in (0.65 cm) nap, solvent-resistant roller cover. It is helpful to keep the roller wet with CRYSTAL CLEAR VOC or SOLV-KLEEN while rolling. If applying CRYSTAL CLEAR VOC by roller only, use a 1/4 in (0.64 cm) nap, solvent-resistant roller cover. Keep the roller wet and keep a wet edge while applying to avoid lap marks. Rolling back and forth excessively will cause bubbling. In all cases, allow the first coat dry tack-free before applying the second coat. Best performance and appearance is achieved with two THIN coats following the coverage recommendations.

To create a non-slip surface, add SHUR GRIP to the final coat of sealer. MATTE ADD may be used if a satin or low-gloss finish is preferred.

## CLEAN-UP

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

## PRECAUTIONS/LIMITATIONS

- CRYSTAL CLEAR VOC liquid and vapors are highly flammable. Keep away from heat/sparks/open flames/hot surfaces.
- Avoid breathing fume/gas/mist/vapors/spray. Use only in well-ventilated areas.
- Heavy applications, too many successive coats, or multiple coats over time may cause bubbling, whitening, peeling and ultimate failure of the product.
- Do not apply when concrete surfaces or ambient temperatures are below 40 °F (4 °C). Do not apply in hot, direct sun or when the temperature is above 85 °F (29 °C).
- Do not apply if rain is expected within 12 hours of application.
- Not resistant to gasoline or other automotive fluids. May show tire marks and stains.
- Do not thin this product.
- For professional use only.
- In all cases, consult the Safety Data Sheet before use.

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