



# INCRETE CRYSTAL CLEAR VOC

100% ACRYLIC LOW-VOC CONCRETE CURE & SEAL

EUCLID CHEMICAL

## PACKAGING

1 gal (3.8 L)  
5 gal (18.9 L)  
55 gal (208.2 L) units

## YIELD

**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)

## APPEARANCE

Crystal clear liquid

## CLEAN UP

Use INCRETE SOLV-KLEEN, xylene, or acetone for cleaning tools immediately after use (always follow package directions and warning labels). Clean drips or over spray with one of the above solvents while still wet. Run clean solvent through spray equipment to remove residual material and prevent clogging in future use.

## SHELF LIFE

3 years in original, unopened container

## SPECIFICATIONS AND COMPLIANCES

ASTM C 1315, Type 1, Class A  
ASTM C 309, Type 1, Class A & B  
Complies with federal AIM rule VOC regulations, and with VOC standards in the OTC and LADCO states.

## BRIEF OVERVIEW

INCRETE CRYSTAL CLEAR VOC is a pure acrylic curing compound and cure & seal that protects and enhances the appearance of concrete with a clear, non-yellowing film that is more durable than standard polymer blend cure and seal products. INCRETE CRYSTAL CLEAR VOC is formulated in an exempt solvent carrier formulated for use in VOC-regulated areas. INCRETE CRYSTAL CLEAR VOC will enhance the color of stamped concrete, exposed aggregate, and colored concrete pavers, making these surfaces look deeper and richer in appearance. It provides protection against the damaging effects of traffic, weather, and de-icing salts while allowing the concrete to “breathe”. Applied properly, INCRETE CRYSTAL CLEAR VOC will not turn white in the presence of moisture. INCRETE CRYSTAL CLEAR VOC can be tinted with EUCLID UNIVERSAL COLOR PACKS, which are available in 33 standard colors.

## PRODUCT CHARACTERISTICS

### ADVANTAGES

- Ensures proper curing of new concrete.
- Acrylic polymer formula ensures no yellowing and a more breathable seal.
- Enhances the appearance of colored concrete, can be tinted.
- Slower drying time than products based on acetone or tertiary-butyl acetate exempt solvents.
- Abrasion resistant and durable
- Freeze - Thaw tolerant
- Stain and moisture resistant

### PHYSICAL PROPERTIES

- Non-yellowing
- Acrylic polymer formula

### COMMON USES

- Stamped, colored concrete
- Terrazzo
- Driveways and sidewalks
- Curing and sealing freshly placed concrete
- Concrete pavers
- Decorative concrete overlays
- Integrally colored concrete
- Residential and commercial

### COMMON APPLICATION METHODS

- Sprayer
- Roller
- Brush

- Working Time/Drying Time: 20 minutes
- Initial Set/Foot Traffic Time: 1 hour
- Final Set/Vehicle Traffic Time: 10 to 12 hours

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## TECHNICAL INFORMATION

### Typical Engineering Data

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

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

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

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## DIRECTIONS FOR USE

### PREPARATION EXISTING CONCRETE

Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and all other contaminants. Remove any loose material and any coatings such as paint, curing agents, and sealers. INCRETE UNI-STRIPP is specially designed to remove old coatings and sealers. Clean surface with a cleaner/degreaser specifically designed for concrete and paver surfaces. Mechanically abrade the surface to achieve a surface profile equal to CSP 1-2 in accordance with ICRI Guideline 310.2. Properly clean profiled area.

### 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. INCRETE 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 INCRETE CRYSTAL CLEAR VOC or INCRETE SOLV-KLEEN while rolling. If applying INCRETE 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 INCRETE SHUR GRIP to the final coat of sealer. INCRETE MATTE ADD may be used if a satin or low-gloss finish is preferred.

### REMOVAL

Dried, cured INCRETE CRYSTAL CLEAR VOC may be removed with a strong solvent such as INCRETE SOLV-KLEEN, xylene, or MEK (always follow package directions and warning labels). INCRETE UNI-STRIPP is a citrus-based stripper that can be used to remove this product. Alternatively, mechanical means can be used to remove this product.

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## PRECAUTIONS/LIMITATIONS

- INCRETE CRYSTAL CLEAR VOC liquid and vapors are highly flammable. Keep away from heat, sparks, open flames, and hot surfaces.
- Avoid breathing fume/gas/mist/vapors/spray. No smoking.
- 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.

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## PRECAUTIONS/LIMITATIONS CONT.

- Salt water environments, including salt water pool decks, are harsh on sealers. Please contact your Euclid Chemical sales rep for recommendations.
- Do not apply adhesive tape to sealed surfaces as delamination may occur.
- Do not thin this product.
- For professional use only.
- In all cases, consult the Safety Data Sheet before use.

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