



INCRETE CONCRETE STAIN SEALER VOC

LOW-VOC, SOLVENT-BASED, ACRYLIC PIGMENTED CONCRETE SEALER EUCLID CHEMICAL

PACKAGING

1 gal (3.8 L) and 5 gal (18.9 L) units

YIELD

First Coat: 150 to 200 ft²/gal (3.67 to 4.90 m²/L). For best results, two thin coats are recommended.

APPEARANCE

35 standard colors - custom colors available upon request.

CLEAN UP

Use INCRETE SOLV-KLEEN, Euclid Chemical's Euco Solvent, Xylene, or Acetone for cleaning tools.

SHELF LIFE

3 years in original, unopened container

SPECIFICATIONS AND COMPLIANCES

VOC Content: <350 g/L

BRIEF OVERVIEW

INCRETE CONCRETE STAIN SEALER VOC is a unique pigmented sealer designed specifically for concrete and other decorative surfaces. INCRETE CONCRETE STAIN SEALER VOC is UV light safe and is non-yellowing. INCRETE CONCRETE STAIN SEALER VOC beautifies, protects and seals new concrete. Restores older, worn concrete to a new luster resulting in a surface that is water and stain resistant and easy to maintain. It comes in 35 standard colors with custom color tinting available. The VOC (volatile organic compound) content of these stains is less than 350 g/L which allows it to be used in areas with strict VOC requirements.

PRODUCT CHARACTERISTICS

ADVANTAGES

- Exhibits excellent bond strength
- Exhibits excellent freeze-thaw resistance
- Superior abrasion resistance
- Perfect for all cementitious surfaces
- Deep penetrating sealer

COMMON APPLICATION METHODS

- Roller
- Sprayer

COMMON USES

- All unpainted masonry & concrete
- Pool decks Driveways and sidewalks
- Patios
- Architectural concrete
- Pre-cast concrete
- INCRETE SPRAY-DECK
- Residential, commercial & public projects
- 50 °F (10 °C) to 95 °F (35 °C)

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Drying time* at 73 °F (22.7 °C), 50% RH: 1-2 hours

Foot traffic 24 hours

Adhesion to concrete..... excellent

Wheel traffic 48 hours

Solvent resistance..... minimal

VOC content <350 g/L

Solids content (wt) 36-42%

Specific Gravity:..... 1.0-1.1

Min. Working Temperature 50 °F (10 °C)

Resistance to yellowing from UV exposure excellent

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

DIRECTIONS FOR USE

A test or trial should always be conducted when unfamiliar with surface conditions and/or product to determine if the surface is prepared properly, to determine coverage rate, and the best method of application.

PREPARATION

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 with INCRETE Uni-stripp sealer stripper. Mechanical methods of removal (for instance: sanding, scarifying, grinding track blasting, etc) may also be used, which also creates the surface profile mentioned below. Clean 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. Avoid application during rainy, foggy, or very humid weather when water condensation forms on the surface.

MIXING

Always stir stain well before use and during application to prevent settling and poor dispersion of colorant. A variable speed drill and a paddle mixer is the preferred method for mixing.

ROLLER APPLICATION

To apply the first coat, use a 1/4 in (6 mm) high-quality, solvent-resistant roller when applying the stain. To help eliminate bubbling, saturate the roller thoroughly before starting and use a roller pan or a paint grid to remove excess stain. When applying the second coat, make sure the first coat has completely dried, usually a minimum of 1-2 hours.

SPRAY APPLICATION

Use an airless sprayer with a medium tip size and very low pressure. Do not use a typical plastic, garden-type sprayer. If conditions are windy or extremely hot, adjust technique to avoid "dry spraying" the surface. A second coat must be sprayed after the first coat is dry. In order to achieve a non-slip surface, add INCRETE SHUR-GRIP to the final coat of sealer at the recommended dose.

PRECAUTIONS/LIMITATIONS

- INCRETE CONCRETE STAIN SEALER VOC is a highly-flammable liquid. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. If solvent odor is objectionable, use a water-based, low-odor product, such as INCRETE CONCRETE STAIN SEALER WB.
- Material will not freeze in storage but should be allowed to rise to 50 °F (10 °C) or more before use.
- Excessive build-up of INCRETE CONCRETE STAIN SEALER VOC or puddling of the product during application can lead to bubbling and discoloration.
- Do not apply when concrete surfaces or ambient temperatures are below 50 °F (10 °C) or if rain is expected within 12 hours after application.
- Application in hot direct sunlight or when concrete and/or air temperatures are 95 °F (35 °C) and above can cause bubbling.
- 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.
- Not resistant to gasoline or other automotive fluids.
- Do not thin this product.
- For professional use only.
- Keep out of reach of children.
- In all cases, consult the Safety Data Sheet before use.

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