



INCRETE CLEAR SEAL

CLEAR, NON-YELLOWING CONCRETE CURE & SEAL

PACKAGING

1 gal (3.7 L) containers
5 gal (18.9 L) pails
55 gal (208 L) drums

YIELD

First coat: 300 ft²/gal (7.3 m²/L)
Second coat: 400 ft²/gal (9.8 m²/L)

APPEARANCE

Crystal clear liquid

CLEAN UP

Tools and equipment may be cleaned with INCRETE SOLV-KLEEN, Euclid Chemical's Euco Solvent, or Xylene/Xylol. Run cleaning solvent through spray equipment to remove residual materials and to prevent clogging of the nozzle for 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

BRIEF OVERVIEW

INCRETE CLEAR SEAL 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 CLEAR SEAL 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 CLEAR SEAL will not turn white in the presence of moisture. INCRETE CLEAR SEAL can be tinted with EUCLID UNIVERSAL COLOR PACKS, which are available in 33 standard colors.

PRODUCT CHARACTERISTICS

ADVANTAGES

- Exhibits excellent bond strength
- Exhibits excellent freeze-thaw resistance
- 100% acrylic, won't yellow
- Stain and moisture resistant
- High abrasion resistance and durable
- Easy to re-coat
- High gloss formula

PHYSICAL PROPERTIES

- 100% Acrylic
- Non-yellowing
- Working Time/Drying Time: 1 hour
- Initial Set/Foot Traffic Time: 4-6 hours
- Final Set/Vehicle Traffic Time: 6-10 hours

COMMON USES

- Stamped concrete
- Terrazzo
- Integrally-colored concrete
- Concrete pavers
- Acid-stained concrete
- Decorative concrete overlays
- Commercial, residential and light industrial

COMMON APPLICATION METHODS

- Sprayer
- Roller
- Brush

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

Drying time* at 73 °F (22.7 °C), 50% RH: ...	<1 hour	Alkali resistance 48-hour exposure	excellent
Re-coat	4 to 24 hours	Solvent resistance	minimal
Foot traffic	4 to 6 hours	Resistance to yellowing from UV exposure	excellent
Wheel traffic	6 to 10 hours	Solids content	>25%
VOC content	681 g/L	Moisture loss (ASTM C 156)	<0.40 kg/m ²
Adhesion to concrete	excellent		

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

DIRECTIONS FOR USE

SURFACE PREPARATION

The concrete surface must be clean and free of puddled or standing water. INCRETE CLEAR SEAL should not be applied over other curing compounds.

Preparation for existing concrete: Use INCRETE UNI-STRIPP to remove old coatings. All old paint, oil, grease and water-based sealers must be removed. Best results are achieved when applied to bare concrete.

APPLICATION

INCRETE CLEAR SEAL requires no pre-blending and should be used directly from the container. Apply at a uniform coverage rate with an industrial, hand-held, pump-up or airless sprayer, or by roller. Plastic garden-type sprayers should not be used. If applying by roller, use a short, 3/8 in (9.5 mm) nap, solvent-resistant roller cover. Allow the first coat to dry tack-free before applying the second coat. Best performance and appearance is achieved with two coats, following the recommended coverage rates. For a slip-resistant surface, add INCRETE SHUR GRIP to the final coat of sealer. If a low-gloss finish is desired, use INCRETE MATTE-ADD per directions. Thick applications of INCRETE CLEAR SEAL, too many successive coats, or 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 INCRETE CLEAR SEAL in hot weather or onto a hot surface can cause bubbling. If INCRETE CLEAR SEAL is showing signs of over-application, scrub the surface with a solvent such as INCRETE SOLV-KLEEN 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 INCRETE CLEAR SEAL, a roller can be used to redistribute the remaining product evenly across the surface, adding more solvent as necessary to keep the sealer wet.

MAINTENANCE

Clean, as needed, with mild soap/detergent and water. Rinse after cleaning. If the surface begins to dull due to extensive use (typically 3-4 years), an additional coat of INCRETE CLEAR SEAL will restore the original luster.

PRECAUTIONS/LIMITATIONS

- Use with adequate ventilation. Keep away from all sources of ignition. If solvent odor is objectionable, use a water-based, low-odor product.
- Material will not freeze in storage but should be allowed to rise to 50 °F (10 °C) or more before use.
- Do not apply when concrete surfaces or ambient temperatures are below 40 °F (4 °C), or if rain is expected within 12 hours after application. Application in hot, direct sunlight or when concrete or air temperatures are >95 °F (35 °C) can cause bubbling.
- Excessive build-up of INCRETE CLEAR SEAL or allowing product to puddle during application can lead to bubbling and discoloration.
- Do not thin.

PRECAUTIONS/LIMITATIONS CONT.

- Do not apply over curing compounds. Complete removal is necessary before applying INCRETE CLEAR SEAL
- Not resistant to gasoline or other automotive fluids.
- For professional use only.
- In all cases, consult the Safety Data Sheet before use.

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