

CLEAR SEAL 100 WET LOOK

CRYSTAL CLEAR PURE ACRYLIC CONCRETE SEALER

DESCRIPTION

Increte System's CLEAR SEAL-100 is a low VOC (<100 g/L), solvent-based concrete sealer formulated with exempt solvents and crystal clear acrylic resins for use in regions with strict VOC limitations. CLEAR SEAL-100 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); CALIFORNIA; 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

TECHNICAL INFORMATION

Typical Engineering Data

The following results were developed under laboratory conditions.

VOC	98g/L	Specific Gravity:	0.98
Wetherometer G23F Type: 2000+hrs.		Moisture Vapor Permeability:	0.001
Hurricane Force Water:	No Effect	Abrasion Resistance:	12.5 g. loss
Toukon Hardness:	12 (KHN)	Glass Transition Temperature:	50°C
Coverage:	300-400 ft ² /gal	Min. Working Temperature	50°F

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

ACID&ALKALI RESISTANCE TEST

Each sample was allowed to react for 24 hours under a watch glass, washed with water, allowed to recover for 30 minutes then observed:

Alkali		ACID	
5% Tide	No Effect	5% HCl	No Effect
2% NaOH	Slight Dulling	5% Citric Acid	No Effect
2% Ivory	No Effect	Milk (Lactic Acid)	No Effect
		5% Phosphoric Acid	No Effect
		Ketchup	No Effect
		Mustard	Slight Stain

PACKAGING

1 gallon, 5 gallon pail, 55 gallon drum

SHELF LIFE

3 years in unopened container



INCRETE SYSTEMS

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PRECAUTIONS/LIMITATIONS

- Do not use on wood surfaces, areas sensitive to solvent attack, or wet surfaces.
- CLEAR SEAL 100 will deepen the color of concrete.
- 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 CLEAR SEAL 100 or puddling of the product during application can lead to improper curing, bubbling, and discoloration.
- Do not apply over curing compounds.
- Do not apply when concrete surfaces or ambient temperatures are below 50°F, 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.
- Use with adequate ventilation and block all HVAC ventilation ducts which may distribute solvent odor. Keep away from open flames. If solvent odor is objectionable, the use of a water-based, low odor product, such as INCRETE WATER BASED CLEAR SEAL may be preferred.
- Do not apply over concrete that will receive toppings, epoxy or urethane based coatings or adhesives.
- Not resistant to gasoline or other automotive fluids.
- Do not thin this product.
- In all cases, consult the Material Safety Data Sheet before use.

DIRECTIONS FOR USE

Surface Preparation: The concrete surface must be clean and free of puddled or standing water. CLEAR SEAL 100 *cannot be applied over other curing compounds.*

Preparation for existing concrete: All old paint, oil, and grease must be removed. It is required that most concrete must be etched to create a porous surface. Etching should be done with 5 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 CLEAR SEAL 100 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 CLEAR SEAL 100 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 CLEAR SEAL 100 in hot weather or onto a hot surface can cause bubbling. If CLEAR SEAL 100 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 CLEAR SEAL 100, a roller can be used to redistribute the remaining product evenly across the surface, adding more solvent as necessary to keep the sealer wet.

*Available at home improvement stores. Follow all safety precautions printed on the package.

MAINTENANCE

CLEAR SEAL 100 has high resistance to water, alkali, and abrasion. Clean, as needed, with 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 CLEAR SEAL 100 will restore the original luster of the floor.

CLEAN-UP

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

SPECIFICATIONS/COMPLIANCES

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

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