



SB ACRYLIC SEALER CLEAR GLOSS

Make Waterproofing Easy

KRETUS® Acrylic Sealers are UV resistant co-polymer blends that provide durable clear and translucent finishes for concrete, wood, and masonry. WB (water-borne) Acrylic Sealers offer a long wet edge and include opaque finishes. SB (solvent-borne) Acrylic Sealers have excellent adhesion and are fast drying and easy to recoat.]

ADVANTAGES

- Meets USDA, FDA, EPA, and SCAQMD Standards
- Eligible for LEED Points: Made in California from Partially Recycled Materials
- Adhesion to Concrete, Wood, Metal, Non-glazed Tiles
- Antibacterial
- Low Maintenance
- Low Odor
- Thermal Shock Resistance
- UV Resistance
- Waterproofing

SUGGESTED USES AND APPLICATION AREAS

- Concrete, Masonry, and Wood Surface Sealer
- Interior/Exterior
- Prime, Base, and Top Coats
- Industrial, Healthcare, Commercial, Government, Institutional, and Residential

KRETUS® SYSTEMS

- Color Splash
- Waterproof Decking

For all KRETUS® systems, see kretus.com/systems.

FINISH AND COLOR

- Gloss Clear or Translucent When Pigmented

See kretus.com/color-charts.

PRECAUTIONS AND LIMITATIONS

- **UV Resistance:** Coating will amber over time. If color stability is important, use UV-stable Urethane Polymer Concrete RC UV, Polyurethane, Polyaspartic, or Acrylic Sealer. See kretus.com/products.
- **Prime Coat:** A prime coat may be required when stem walls are highly absorbent, if outgassing is suspected or prevalent, or if concrete is very porous or in poor condition. All concrete repairs must be completed before installing any system.
- When color is added to Gloss or Low Gloss SB or WB Acrylic Sealers, the substrate will be slightly visible through the coating.
- DO NOT apply single coat greater than 5 mils thick (220 sf per gallon).
- DO NOT let material puddle on floor. This may cause white spots to appear when coating cures.
- Complete samples and onsite mockups to ensure desired results are achieved.
- **Application temperatures:** When temperatures increase, material cures faster. Material cures slower when temperatures decrease.
- Application times are based on test results compiled by lab technicians in a controlled setting. All times recorded using 1-quart samples.

- If application temperatures are outside of those recommended, contact your KRETUS® Technical Representative.
- Coverage rates are for estimating purposes only. Factors such as waste, unusual/abnormal substrate conditions, and other unforeseen jobsite conditions may affect actual product yields and are the responsibility of the installer.
- Apply material when temperature is decreasing—adhere to the KRETUS® Dew Point Calculation Chart available at kretus.com/project-planning. DO NOT apply under direct sunlight. DO NOT install under inclement weather conditions.

COMPONENTS

Standard Kit

- Part A: SB Acrylic Sealer Gloss, 1 gal.
- Part B: (Optional) Solvent Cleaner, 1 gal.

Bulk Kit

- Part A: SB Acrylic Sealer Gloss, 5 gal.
- Part B: (Optional) Solvent Cleaner, 5 gal.

Larger kits may be available through KRETUS® distributor.

SAFETY, TESTING, AND WARRANTY

- **Safety:** Personal protective equipment and safety conditions must be considered before using any product. Review all relevant and current documentation including Safety Data Sheets (kretus.com/safety-data-sheets).
- **Testing:** Before installation: Test and look for any unknown site conditions and/or defects. To ensure desired results are achieved, the system should be tested in a small area on site before full installation begins.
- **Warranty:** For warranty to be upheld, Pre- and Post-Job Checklists (kretus.com/project-planning) must be completed.

STORAGE AND APPLICATION TEMPERATURES

Ideal Storage Environment	Dry, Out of Direct Sunlight, 60-80°F
Material Temperature During Application	50-70°F and 5°F Above Dew Point
Minimum Substrate Temperature During Application	5°F Above Dew Point
Recommended Application Temperature	35-85°F, <80% RH (Relative Humidity)

Average Application Time

Ambient Temperature	35-85°F, <80 % RH	50°F, 50 % RH	75°F, 50 % RH	100°F, 50 % RH
Working Time	10 min.	15 min.	10 min.	NR
Recoat Window	1-24 hrs.	1-24 hrs.	1-24 hrs.	NR
Return to Service (Foot Traffic)	18-48 hrs.	18-48 hrs.	18-48hrs.	NR
Full Cure (Vehicle Traffic)	7 days	7 days	7 days	NR

SURFACE PREPARATION

Before installing any coating, the substrate must be sound, meaning all necessary repairs have been completed. It must be clean, dry, and free of any contaminants, moisture, materials, or particles that may hinder material's adhesion to the substrate. If applying directly over concrete, the substrate must be mechanically profiled to ICRI CSP 3. Different projects may require a different CSP. Contact your KRETUS® Technical Representative. Adhere to International Concrete Repair Institute current standards.

MIXING AND APPLICATION

Standard Kit Mix Ratio	A:B = 1:1 by volume
Mixing Drill	low-RPM, low-torque drill with Jiffler double-bladed mixer
Mixing Directions	Mix Part A until color and consistency are uniform. If adding Solvent Cleaner, combine and mix for 1-2 minutes.

Coverage Rates per Standard Kit

Prime Coat	200-600 sf/kit
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Premeasure components to make sure you are using the correct mix ratio. Combine components according to mix instructions. Continue mixing until the coating’s consistency is uniform. The coating must remain thoroughly mixed during the application.

Keep a wet edge while applying product. Wear spiked shoes when walking on material. For more applications and coverage rates, see KRETUS® General Overview (kretus.com/product-general-overviews).

PROPERTIES WHEN FULLY CURED

PROPERTIES	TEST METHOD	TYPICAL VALUES
Abrasion Resistance	ASTM D4060	40 mg loss
Adhesion To Concrete	ASTM D4541	300 psi
Flame Spread/Critical Flux	ASTM E648	Class 1
Flame Spread/Rate of Burning	ASTM D635	Self-extinguishing
Heat Resistance Limitation		140-200°F
Moisture Vapor Emission Rate	ASTM F1869	<3 lbs.
Oil Absorption	MIL-D-3134	0.04%
Relative Humidity	ASTM F2170	<80%
Shore D Hardness	ASTM D2240	70-75
Water Absorption	ASTM D570	0.04%

CHEMICAL AND STAIN RESISTANCE

- 1 = Best for chemical resistance: Chemical has no adverse effects on fully cured coating; remove within 24 hours.
- 2 = Low potential for stain: Chemical has no adverse effects on fully cured coating if removed within 24 hours.
- 3 = High potential for stain or degradation: Chemical must be removed within 24 hours of exposure.
- NR = Not recommended

Acetic Acid (Component of Vinegar), 10%	1	Hydrofluoric Acid, 30%	NR
Acetic Acid, 30%.....	NR	Hydrogen Peroxide, 10%	NR
Acetone.....	NR	Hydrogen Peroxide, 50%	NR
Ammonia, 30%.....	NR	Iodine, 2%	3
Ammonium Hydroxide, 30%	NR	Isopropyl Alcohol	NR
Antifreeze (Coolant).....	2	Jet Fuel.....	1
Benzene (Component of Crude Oil).....	3	Lactic Acid, 30% (Dairy Facility).....	NR
Benzyl Alcohol	NR	Lime Juice	2
Betadine, 11%	NR	Magnesium Hydroxide.....	1
Boric Acid, 4%	NR	MEK (Methyl Ethyl Ketone)	NR
Brake Fluid, DOT 3	1	Methanol	NR
Chromic Acid, 10%.....	3	Methylene Chloride	NR
Chromic Acid, 30%.....	NR	MIBK (Methyl Isobutyl Ketone).....	NR
Citric Acid, 30%.....	1	Mineral Oil	1
Ethanol, 95%.....	NR	Motor Oil, SAE 30	1
Ethyl Acetate, 99% (Food/Beverage Facility)	NR	Mineral Spirits.....	NR
Formaldehyde, 37%	NR	Mustard, Yellow	3
Premium Gasoline.....	1	Nitric Acid, 30%	NR
Hydraulic Fluids (Machinery, Automobile, Aviation)	2	Oleic Acid.....	1
Hydrochloric Acid, 10%.....	3	Oxalic Acid, 10%.....	1
Hydrochloric Acid, 30%.....	3	Phosphoric Acid, 20%	NR
Hydrofluoric Acid, 10%	NR		

Potassium Hydroxide, 30% (Alkaline Batteries, Soap Manufacturing).....	3	Tartaric Acid, 10%	3
Propylene Glycol.....	1	Transmission Fluid	2
Silver Nitrate, 20% (Photo Labs)	NR	Urine, Dog or Cat	2
Sodium Chloride, 20%.....	1	Urea (Nitrogen-Rich Fertilizer).....	1
Sodium Hydroxide (Caustic Soda), 50%	1	Vinegar, Distilled.....	1
Sodium Hypochlorite (Bleach), 10%	NR	Water (Hard Water from Well)	1
Sodium Hypochlorite (Bleach), 30%.....	NR	Whisky	2
Sodium Persulfate (Bleaching and Oxidizing Agent)	3	Wine, Cabernet Sauvignon	2
Sulfuric Acid, 37% (Battery Acid)	NR	Xylene	NR
Tannic Acid, 20%.....	3		

Pigments or colorants may affect working times, reduce chemical resistance, or increase potential for stain. Coatings tested at ambient temperature over 1-3 days' exposure to chemical. To ensure desired results are achieved, products should be tested on site before installation.

DISCLAIMER: The information contained in this document is intended for use by KRETUS®-qualified and -trained professionals. This is not a legally binding document and does not release the specifier from their responsibility to apply materials correctly under the specific conditions of the construction site and the intended results of the construction process. The most current valid standards for testing and installation, acknowledged rules of technology, as well as KRETUS® technical guidelines must always be adhered to. The steps given in this document and other mentioned documents are critical to the success of your project.