



## WB BASE ACRYLIC SEALER | DEEP

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### Make Waterproofing Easy

KRETUS® WB BASE ACRYLIC SEALER | DEEP 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 dark-colored hues.

#### 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
- Prime, Base, and top coats
- Interior/Exterior
- Vertical Surfaces
- Industrial, Healthcare, Commercial, Government, Institutional, and Residential

#### KRETUS® SYSTEMS

- Color Splash
- Waterproof Decking

For all KRETUS® systems, see [kretus.com/systems](http://kretus.com/systems).

#### FINISH AND COLOR

- Gloss Clear or Opaque When Pigmented

See [kretus.com/color-charts](http://kretus.com/color-charts).

#### PRECAUTIONS AND LIMITATIONS

- DO NOT apply single coat greater than 10 mils thick (150 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 or humidity decreases, material cures faster. Material cures slower when temperatures decrease or humidity increases.
- 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](http://kretus.com/project-planning). DO NOT apply under direct sunlight. DO NOT install under inclement weather conditions.

## COMPONENTS

### Standard Kit

- WB Acrylic Sealer Accent Base, 5 Gal
- WB Colorant, 16 oz.

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](http://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](http://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	35-100°F, <80% RH (Relative Humidity)

### Average Application Time

Ambient Temperature	35-100°F, <80% RH	50°F, 50 % RH	70°F, 50 % RH	100°F, 50 % RH
Working Time	20-25 mins	30-35 mins	20-25 min	10-15 min
Recoat Window	2-48 hrs.	2-48 hrs.	2-48 hrs.	2-24 hrs.
Return to Service (Foot Traffic)	24-48 hrs.	24-48 hrs.	24-48 hrs.	24 hrs.
Full Cure (Vehicle Traffic)	7 days	7 days	7 days	7 days

### 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.

### MIXING AND APPLICATION

Standard Kit Mix Ratio	5 gal WB Base, 16 oz WB Colorant
Colorant	16 oz.
Matting Additive	1-3 lbs. per gal
Anti-Slip Bead 50, Bead 100 and Tex 50	12-16 oz. per gal
Mixing Drill	low-RPM, low-torque drill with Jiffler double-bladed mixer
Mixing Tool(s)	Paint mixer stick
Mixing Directions	Mix base and colorant for 5 minutes or until color is uniform
Mixing Directions With Matting Additive	Combine and mix additive with part A before adding any other parts and mix until consistency is uniform throughout
Mixing Directions When Combining With Water	Add water to Acrylic Sealer and mix until consistency and color are uniform.

Mixing Directions With Anti-Slip	Mix base and colorant for 5 minutes or until color is uniform. Add anti-slip after all parts are combined and mix until consistency is uniform throughout.
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**Coverage Rates per Standard Kit**

Prime Coat	250-300 sf/gal
Prime/Seal Coat with Anti-Slip	150-200 sf/gal
Seal Coat	150-200 sf/gal
Architectural Spray Coat	250-300 sf/kit

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](http://kretus.com/product-general-overviews)).

**PROPERTIES WHEN FULLY CURED**

PROPERTIES	TEST METHOD	TYPICAL VALUES
Abrasion Resistance	ASTM D4060	70 mg loss
Abrasion Resistance with Anti-Slip	ASTM D4060	40-60 mg loss
Flame Spread/ Critical Flux	ASTM E648	Class 1
Flame Spread/ Rate of Burning	ASTM D635	Self-extinguishing
Indoor Air Quality	CA 01350	Compliant
Microbial Resistance	ASTM G21	Passes, 0 growth
Moisture Vapor Emission Rate	ASTM F1869	<3 lbs.
Moisture Vapor Permeance	ASTM E96	0.08 perms
Relative Humidity	ASTM F2170	<80%
UV Resistance	ASTM D4587	Level 1
Water Absorption	ASTM D570	<0.05%

**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	Citric Acid, 30% ..... 1
Acetic Acid, 30%..... NR	Ethanol, 95%..... NR
Acetone..... NR	Ethyl Acetate, 99% (Food/Beverage Facility) ..... NR
Ammonia, 30%..... NR	Formaldehyde, 37% ..... NR
Ammonium Hydroxide, 30%..... NR	Premium Gasoline..... 1
Antifreeze (Coolant)..... 2	Hydraulic Fluids (Machinery, Automobile, Aviation) ..... 2
Benzene (Component of Crude Oil)..... 3	Hydrochloric Acid, 10%..... 3
Benzyl Alcohol ..... NR	Hydrochloric Acid, 30%..... 3
Betadine, 11% ..... NR	Hydrofluoric Acid, 10% ..... NR
Boric Acid, 4% ..... NR	Hydrofluoric Acid, 30% ..... NR
Brake Fluid, DOT 3 ..... 1	Hydrogen Peroxide, 10% ..... NR
Chromic Acid, 10%..... 3	Hydrogen Peroxide, 50% ..... NR
Chromic Acid, 30%..... NR	Iodine, 2% ..... 3

Isopropyl Alcohol .....	NR	Propylene Glycol .....	1
Jet Fuel.....	1	Silver Nitrate, 20% (Photo Labs) .....	NR
Lactic Acid, 30% (Dairy Facility).....	NR	Sodium Chloride, 20%.....	1
Lime Juice .....	2	Sodium Hydroxide (Caustic Soda), 50% .....	1
Magnesium Hydroxide.....	1	Sodium Hypochlorite (Bleach), 10% .....	NR
MEK (Methyl Ethyl Ketone) .....	NR	Sodium Hypochlorite (Bleach), 30%.....	NR
Methanol .....	NR	Sodium Persulfate (Bleaching and Oxidizing Agent) .....	3
Methylene Chloride .....	NR	Sulfuric Acid, 37% (Battery Acid) .....	NR
MIBK (Methyl Isobutyl Ketone).....	NR	Tannic Acid, 20%.....	3
Mineral Oil .....	1	Tartaric Acid, 10% .....	3
Motor Oil, SAE 30 .....	1	Transmission Fluid .....	2
Mineral Spirits.....	NR	Urine, Dog or Cat .....	2
Mustard, Yellow.....	3	Urea (Nitrogen-Rich Fertilizer).....	1
Nitric Acid, 30% .....	NR	Vinegar, Distilled .....	1
Oleic Acid.....	1	Water (Hard Water from Well) .....	1
Oxalic Acid.....	1	Whisky .....	2
Phosphoric Acid, 20% .....	NR	Wine, Cabernet Sauvignon .....	2
Potassium Hydroxide, 30% (Alkaline Batteries, Soap Manufacturing).....	3	Xylene .....	NR

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.