



## WB BASE ACRYLIC SEALER | MEDIUM

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### Make Waterproofing Easy

**KRETUS® WB BASE ACRYLIC SEALER | MEDIUM** 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 medium-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](https://kretus.com/systems).

#### FINISH AND COLOR

- Gloss Clear or Opaque When Pigmented

See [kretus.com/color-charts](https://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](https://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. |
|----------------------------------|--|

**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<br>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.