



## BONDER RESIN

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### Make Waterproofing Easy

KRETUS® Acrylic Primers provide an invisible layer of protection against moisture. **KRETUS® BONDER RESIN** excels as an elastomeric primer and as a binder for erosion control.

#### 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
- High Flexibility
- Low Odor
- Waterproofing

#### SUGGESTED USES AND APPLICATION AREAS

- Primer
- Erosion Control
- Concrete, Wood, Metal and non-Glazed Tile Surface Sealer
- Reinforced Waterproofing
- Slurry, Mortar, and Decorative Systems
- Industrial, Healthcare, Commercial, Government, Institutional, and Residential

#### KRETUS® SYSTEMS

- Waterproof Decking

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

#### APPEARANCE

- Clear When Fully Cured

#### PRECAUTIONS AND LIMITATIONS

- 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.
- 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](http://kretus.com/project-planning). DO NOT apply under direct sunlight. DO NOT install under inclement weather conditions.

## COMPONENTS

### Standard Kit

- Bonder Resin, 1 gal

Larger kits may be available through KRETUS® distributor.

### Bulk Kit

- Bonder Resin, 5 gal

## 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	45-100°F, <80% RH (Relative Humidity)

## AVERAGE APPLICATION TIME

Ambient Temperature	45-100°F, 80 % RH	50°F, 50 % RH	70°F, 50 % RH	100°F, 50 % RH
Working Time	20-25 min	30-35 min	20-25 min	10-15 min
Recoat Window	2-24 hrs.	18-36 hrs.	6-24 hrs.	2-24 hrs.
Return to Service (Foot Traffic)	N/A	N/A	N/A	N/A
Full Cure (Vehicle Traffic)	24 hrs.	36 hrs.	24 hrs.	24 hrs.

## 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	Standalone or Mix 1 qt Water to 1 Gal Bonder Resin
Bond Coat with Basecoat	10 lbs. Basecoat Per Gallon of Bonder Resin
Mixing Drill	low-RPM, low-torque drill with Jiffler double-bladed mixer
Mixing Drill When Combining With Basecoat	high-RPM, high-torque drill with Jiffler double-bladed mixer
Mixing Directions	<ul style="list-style-type: none"><li>• Mix product until texture and color is uniform.</li><li>• <b>If adding Water:</b> Mix Product and water for 30 seconds.</li></ul>
Mixing Directions With Basecoat	Mix product until texture and color are uniform

## Coverage Rates per Standard Kit

Prime Coat (with or without water)	200-400 sf/gal
Bond Coat with Basecoat	60 sf/gal
Bond Coat with Basecoat over Fiberglass Lath	48 sf/gal
Bond Coat over Fiberglass Chop Strand Mat	45 sf/gal

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)).

**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.