



## General Overview

### ACRYLIC PRIMERS

#### DESCRIPTION

KRETUS® Acrylic Primers provide an invisible layer of protection against moisture. Great for restoration projects and new construction, KRETUS® Treatment primes chalky or soft substrates, and helps maintain concrete's color. With a higher viscosity than Treatment, KRETUS® Bonder Resin excels as an elastomeric primer and as a binder for erosion control.

#### SAFETY AND CLEANUP

Review current Safety Data Sheet(s) and all relevant documentation before installing. Safety conditions and personal protective equipment must be considered before using any KRETUS® product.

#### SURFACE PREPARATION

Test and look for any unknown site conditions and/or defects. For testing requirements, review KRETUS® Pre- and Post-Job Checklists.

Before beginning installation, substrate must be

- **Clean:** Remove any and all contaminants.
- **Profiled:** Mechanically prepare surface to CSP 2–5 (adhere to International Concrete Repair Institute's current guide for Concrete Surface Profiles). Each project may require a different CSP.
- **Sound:** Treat all joints (terminations and transitions) and random cracks with manufacturer-approved products.

#### ON-SITE APPLICATION TESTING

To ensure desired results are achieved, KRETUS® highly recommends that the system be tested in a small area on site before beginning any project.

#### MIXING GUIDE

Review KRETUS® Mixing Station Guide for general handling, storage, and preparation procedures. If installing KRETUS® product as part of a larger project: Review mix ratios and application methods on KRETUS® System Action Guideline. Careful measurements and thorough mixing are essential for a proper cure. Observe all mixing procedures and guidelines to assure a controlled and thorough chemical transition to a high-strength solid.

**Mixing drill:** When mixing Acrylic Primers, use a low-torque, low-RPM mixing drill.

**Mixing Instructions:** If adding water, mix for 30 seconds.



## ACRYLIC PRIMER APPLICATIONS

**NOTE:** Coverage rates 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.

Prime Coat	Product	Mix Ratio	Coverage Rate	Methods/Tools
Vertical/wall (6–8 mils)	Bonder Resin (B) and water (W)	B:W = 1 gal.: 1 qt.	200–400 sf/gal.	<ul style="list-style-type: none"> <li>• spray</li> <li>OR</li> <li>• flat flexible or flat rigid blade</li> <li>• 3/8" nap roller</li> </ul>
Over wood	Bonder Resin	N/A	200–400 sf/gal.	

Tack/Tie Coat	Product	Mix Ratio	Coverage Rate	Methods/Tools
Under cementitious overlays	Bonder Resin	N/A	200–400 sf/gal.	<ul style="list-style-type: none"> <li>• spray</li> <li>OR</li> <li>• flat flexible or flat rigid blade</li> <li>• 3/8" nap roller</li> </ul>

Bond Coat	Product	Mix Ratio	Coverage Rate	Methods/Tools
For waterproof decking over fiberglass mat	Bonder Resin	N/A	45–50 sf/gal.	Work in 50–300 sf increments: 1. Cut and lay fiberglass. Mat should lap 2 inches over flashing and 1 inch at seams. 2. Saturate mat with Bonder Resin using a flat flexible or flat rigid blade and 1/2" nap roller. If mat curls, flatten with metal roller.
Decomposed granite	Bonder Resin (B) and water (W)	B:W = 1 gal.:1/2 gal.	100 sf/gal.	<ul style="list-style-type: none"> <li>• spray</li> </ul>

## ACRYLIC PRIMER ADDITIVES/AGGREGATES

Product	Use	Mix Ratio
Industrial sand or quartz	<ul style="list-style-type: none"> <li>• broadcast in Bonder Resin to improve slip resistance or create a level surface for KRETUS® Acrylic Polymer Concrete application</li> </ul>	Broadcast only

**DISCLAIMER:** The information contained in this document is intended for use by KRETUS GROUP® qualified and trained professionals. This is not a legally binding document and does not release the specifier from his/her 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 GROUP® technical guidelines must be adhered to at all times. The steps given in this document and other mentioned documents are critical to the success of your project.