



ACRYLIC POLYMER CONCRETE ADMIX | BASECOAT

Make Waterproofing Easy

KRETUS® ACRYLIC POLYMER CONCRETE ADMIX | BASECOAT is a durable, cost-effective, and low-maintenance system ideal for new construction and restoration projects. Its high-solids acrylic co-polymer admixture improves adhesion, flexibility, and waterproofing characteristics.

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 Impact Resistance
- High Traffic and Hot Tire Resistance
- Low Maintenance
- Low Odor
- Flexibility
- UV Resistance
- Waterproofing

SUGGESTED USES AND APPLICATION AREAS

- Over Metal Lath, Plywood, and Concrete
- Concrete or Wood Surface Sealer
- Slope, Skim/Screeed, Slurry, Mortar, and Reinforced Waterproofing
- Decorative Concrete Overlays (Knockdown/Orange-peel Texture, Simulated tile, Staining, Integral Color)
- Industrial, Healthcare, Commercial, Government, Institutional, and Residential

KRETUS® SYSTEMS

- Color Splash
- Waterproof Decking

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

FINISH AND COLOR

- Matte Opaque Gray or White

May be pigmented with WB Colorant. See kretus.com/color-charts.

PRECAUTIONS AND LIMITATIONS

- **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.
- DO NOT apply single coat greater than 2" thick.
- 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. DO NOT apply under direct sunlight. DO NOT install under inclement weather conditions.

COMPONENTS

Standard Kit

- Part A: Acrylic Admix, 1 gal
- Part B: Base Coat, 50 lbs.

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	45-100°F, 5-85% RH (Relative Humidity)

Average Application Time

Ambient Temperature	45-100°F, 5-85% RH
Working Time	20-25 min
Recoat Window	2-24 hrs.
Return to Service (Foot Traffic)	24 hrs.
Full Cure (Vehicle Traffic)	28 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. 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

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).

Standard Kit Mix Ratio	A:B:= 1 gal:50 lbs.
Water	May add up to 1 gal of water per gallon of Acrylic Admix
Accelerant: Acrylic Polymer Concrete Fast Control	1 oz. per standard kit
Decelerant/Viscosity Reducer: Acrylic Polymer Concrete Slow Control	1 oz. per standard kit
WB Colorant	4 oz. per standard kit
Mixing Drill	high-RPM, high-torque drill with Jiffler double-bladed mixer
Mixing Directions	Slowly add Part B to Part A and mix for 2 minutes or until consistency and color are uniform.
Mixing Directions With WB Colorant	Combine additive with Part A and mix until color is uniform. Slowly add Part B and continue mixing until consistency and color are uniform.
Mixing Directions with Accelerant, or Decelerant	Mix Part A and additive for 30 seconds. Slowly add Part B and continue mixing until consistency and color are uniform.

COVERAGE RATES PER KIT (3 QTS.-1.25 GAL ACRYLIC ADMIX PER 50 LBS. BASECOAT)

NOMINAL THICKNESS	COVERAGE RATE
1/8"	48 SF/KIT
1/4"	24 SF/KIT
3/8"	16 SF/KIT
1/2"	12 SF/KIT
3/4"	8 SF/KIT
1"	6 SF/KIT
1.5"	4 SF/KIT
2"	3 SF/KIT
Cove, 4" high x 3/16" wide, 1" radius	50-60 LF/KIT
Cove, 6" high x 3/16" wide, 1" radius	30-40 LF/KIT

PROPERTIES WHEN FULLY CURED

PROPERTIES	TEST METHOD	TYPICAL VALUES
Tensile Strength	ASTM C190	400-500 psi
Compressive Strength	ASTM C109	2,500-3,500 psi
Vapor Permeability	ASTM E 96	1.0-3.0 perms
Fire Resistance	ASTM E648	class 1
Flammability	ASTM D635	self-extinguishing
Adhesion	ASTM D4541	100% substrate failure
Weathering	ASTM G23	no visible degradation
Salt Spray/Fog (1,000 Hours Exposure)	ASTM B117	no visible degradation
Impact Resistance	MIL-D-3134	>160 in-lbs
Freeze-Thaw Resistance (50 Cycles)	ASTM C67	no scaling/peeling/flaking
Dynamic Coefficient of Friction (Wet/Dry)	ANSI A326.3	0.50-0.60 (wet), 0.65-0.75 (dry)

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.