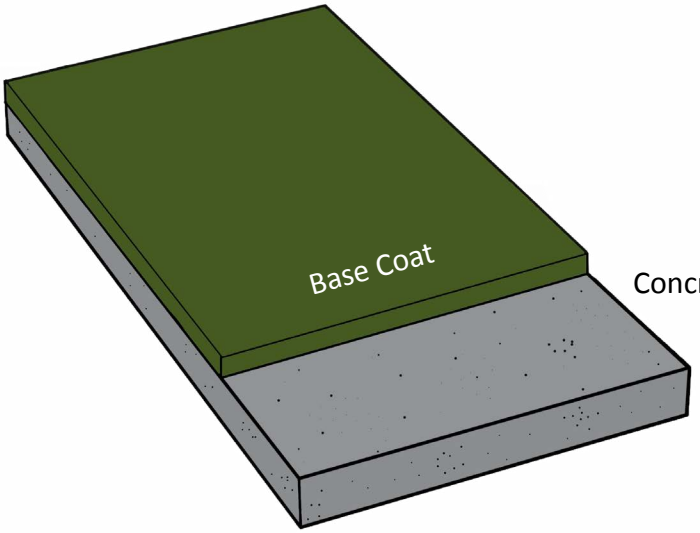
KRĒTUS

UPC 1-COAT
INSTALLATION GUIDE

KRETUS® 1-COAT UPC SYSTEMS

Each **KRETUS® 1-COAT UPC System** is built with low odor, 100%-solid, 3-component UPC (Urethane Polymer Concrete). A self-priming cementitious urethane, KRETUS® UPC has a high tolerance to contaminated concrete and protects surfaces from aggressive chemical attacks. **KRETUS® 1-COAT UPC Systems** have high abrasion and thermal-shock resistance, withstand high-pressure power washing, and will outlive epoxy, tile, VCT, and concrete systems in tough industrial settings.

Every system includes fast- , medium-, and slow-cure hardener options—with up to 30 minutes of working time.



Concrete mechanically prepared to CSP 3 or higher

1-COAT RC

Low-build roll-coat system can also be used as a prime, maintenance, or top coat at 5 to 30 mils thick.

- Base Coat: Urethane Polymer Concrete RC + optional Colorant

1-COAT MF

Medium-fill, high-build self-leveler at 1/8" to 1/4" thick.

- Base Coat: Urethane Polymer Concrete MF + optional Colorant

1-COAT SL

High-build self-leveler at 1/8" to 1/4" thick.

- Base Coat: Urethane Polymer Concrete SL + optional Colorant

1-COAT TT

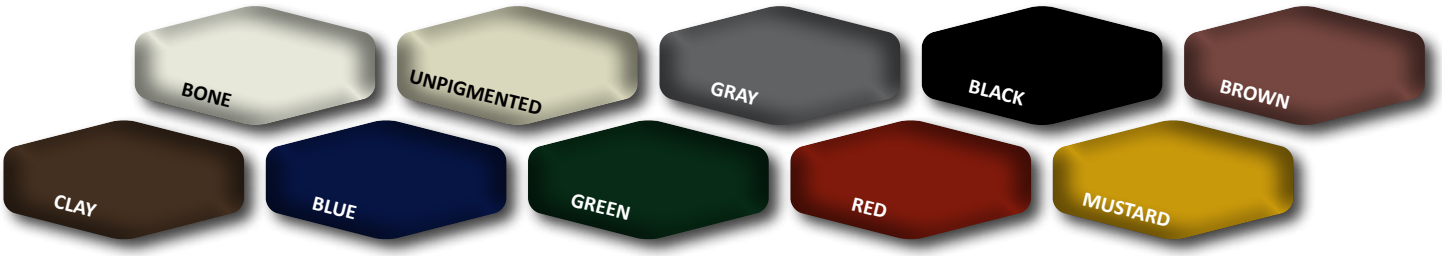
Tight-trowel high-build system at 1/4" to 3/4" thick. With additional aggregates, 1-Coat TT can also be used for sloping and building systems up to 4" thick.

- Base Coat: Urethane Polymer Concrete TT + optional Colorant

FOR MORE UPC SYSTEMS, SEE

- KRETUS® Color Quartz Brochure & Color Quartz UPC Installation Guide
- KRETUS® Color Chip Brochure & Installation Guide
- KRETUS® Color Splash Brochure & Color Splash UPC Installation Guide
- KRETUS® UPC Cove Installation Guide

COLOR CHART



Colors in this document are approximate. Product and system selection, substrate, mix ratio, application technique, climate, and location may affect color. Color sold as Urethane Polymer Concrete Colorant. All Colorants must be mixed with Part A before mixing with Parts B and C. To order a custom or pre-blended color coating, fill out the KRETUS® Special Order form available at kretus.com/project-planning. Allow for additional lead time and fees.

USES

KRETUS® 1-Coat UPC Systems stand up to continuous heavy traffic and are great for multi-level industrial and other high-traffic areas including hallways, commercial kitchens, public showers and restrooms, airport hangars, and more. Examples include

- moisture mitigation
- **industrial**—light-traffic warehouse
- **maintenance**—janitorial closets, boiler rooms
- **hospitality**—small kitchen/restroom
- **animal facilities**—vet clinic, animal shelter

High-build Systems

- **industrial**—heavy-traffic warehouse, laboratory/clean room, production floor, pharmaceutical plant, water treatment facility
- **maintenance**—waste station
- **hospitality**—large kitchen/public restroom, cold storage to-40°F

ADVANTAGES

- **compliant:** meets USDA, FDA, EPA, SCAQMD, and VOC requirements
- **adhesion:** adheres to multiple substrates (concrete, wood, metal, non-glazed tiles)
- **anti-microbial:** protects against bacterial and fungal growth
- **cold cure:** can be applied at or above 40°F
- **ez clean:** requires little effort to maintain
- **green building:** eligible for LEED points, produced in California from partially recycled materials
- **high-traffic resistant:** stands up to vehicle traffic and continuous pedestrian traffic
- **impact resistant:** fortifies against damage from dropped tools
- **low odor:** has zero to low VOC — no offensive odor during application and cure
- **low shine:** decreases glare and sheen
- **moisture vapor resistant:** reduces moisture vapor emissions
- **scratch resistant:** conceals minor scratches
- **thermal shock:** meets the demands of freeze-thaw cycles
- **waterproofing:** protects surfaces and underlying areas from water intrusion

LIMITATIONS

- When applying thin-mil systems UPC RC or UPC UV, light colors may require additional coats for full coverage.
- Most UPC will amber over time. If color stability is important, use UPC UV or see the KRETUS® Color Splash UPC Installation Guide.
- **KRETUS® 1-Coat UPC Systems** were built for horizontal surfaces. For vertical surfaces, see the KRETUS® Color Splash UPC Installation Guide.

ASTM C722 CHEMICAL AND STAIN RESISTANCE

KRETUS® 1-Coat UPC Systems withstand most chemicals, food and alcohol spills, and automotive grease and oil. The following chemicals have no adverse effect on fully cured coating if removed within 24 hours:

- ammonia, 30%
- anti-freeze
- brake fluid
- citric acid, 30%
- chlorinated pool water/hard water
- jet fuel
- motor oil
- wine and whisky
- premium gasoline

For all test results, review the Chemical Resistance Guide available at kretus.com/project-planning.

MAINTENANCE AND CLEANING

For daily cleaning, use KRETUS® Coating Cleaner or similar pH-neutral cleaning product. For more information on the proper care of your floor, review the Maintenance and Cleaning Guide available at kretus.com/project-planning.

SYSTEM OPTIONS

Page 14— RC can be applied as top coat to smooth surface defects, such as gauge rake, trowel, or roller marks. When outgassing occurs, an RC prime coat may be required.

Page 15—To increase skid resistance, add an RC top coat with Anti-Slip. When jobsite conditions demand increased durability, chemical or skid resistance, contact KRETUS® distributor for additional top-coat options and Anti-Slip texture samples.

NC = no change in results, same as previous column

PROPERTY/TEST METHOD	COLOR QUARTZ			
	RC	SL	MF	TT
NOMINAL THICKNESS	10-35 mils	1/8-1/4"	1/8-1/4"	1/4-3/4"
MOISTURE VAPOR EMISSION RATE, lbs./1,000 sf/24 hrs (ASTM F1869)	<15	<25	NC	NC
RELATIVE HUMIDITY (ASTM F2170)	<99%	NC	NC	NC
ABRASION RESISTANCE, mg loss, CS-17 wheel/1,000 g load/1,000 cycles (ASTM D4060)	12	NC	NC	NC
ADHESION TO CONCRETE, psi (ASTM D4541)	1,000	NC	NC	NC
COEFFICIENT OF LINEAR THERMAL EXPANSION (ASTM D696)	0.000005	NC	NC	NC
COMPRESSIVE MODULUS (force per unit area/change in volume per unit)	0.0004	NC	NC	NC
COMPRESSIVE STRENGTH, psi (ASTM C109)	10,000	11,000	12,000	NC
COMPRESSIVE STRENGTH, psi (ASTM C579)	12,500-12,900 Resin only: 10,000	NC	NC Resin: 12,000	NC
DYNAMIC COEFFICIENT OF FRICTION (DCOF ANSI 137.1)	>0.4	NC	NC	NC
FLAMMABILITY (ASTM D635, E84 & E162)	Self-extinguishing Flame Spread Index: Class A, 9.29 Smoke Deposit, mg/ms: 0.1	NC	NC	NC
FLEXURAL MODULUS OF ELASTICITY (ASTM C580)	620,0000 Resin only: 380,000	NC	NC	NC
FLEXURAL STRENGTH, psi (ASTM C580)	2,000	2,600-2,700	NC	NC
HEAT RESISTANCE LIMITATION	Based on system thickness: 5 to 158°F @ 1/16-1/8" -13 to 176°F @ 3/16" -40 to 248°F @ 1/4" -40 to 266°F @ 1/2"	NC	NC	NC
IMPACT RESISTANCE (MIL-D-24613)	Pass: No chipping, no cracking Indentation (24 hrs): 0.0008	NC	NC	NC
OIL ABSORPTION (MIL-D-3134)	0%	NC	NC	NC
PERM RATING, perms (ASTM E96)	0.1	NC	NC	NC
SHORE D HARDNESS (ASTM D2240)	85-90	NC	NC	NC
TENSILE STRENGTH, psi (ASTM C307)	1,100 Resin only: 4,000	1,000-1,100 Resin: NC	NC	NC
THERMAL SHOCK OR STABILITY (ASTM C531 Part 4.05)	0.00011	NC	NC	NC
WATER ABSORPTION (ASTM D570)	0%	NC	NC	NC

PRODUCT GUIDE

Most KRETUS® 2- and 3-component products have fast- and slow-cure hardeners. Before making a selection, consider jobsite temperature, MVER, applicator's skill level, and time available for installation. FC and FAST hardeners are recommended only for experienced installers or at low temperatures.

Product	URETHANE POLYMER CONCRETE (3 COMPONENT)		
	EZ (Easy Application)	AP (All Purpose)	FC (Fast Cure)
Application Temperature	60-90°F <80% RH	40-80°F <70% RH	40-80°F <45% RH
Working Time	30 min	20 min	10 min
Recoat Time	12 hrs	8 hrs	3 hrs
Return to Service	24-36 hrs	12-16 hrs	2-5 hrs
Full Cure	7 days	5 days	3 days

All times recorded using 1-qt. sample at ambient temperature of 70°F and 50% humidity.

STORAGE AND HANDLING

Store materials in a cool, dry place out of direct sunlight. DO NOT mix materials that are warmer than 85°F. Sealed, unopened Parts A and B and Solvent Cleaner can be placed in an ice bath to bring the temperature of the material down. DO NOT place any other KRETUS® products in ice bath. DO NOT let water into material.

SAFETY

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

IDEAL CONDITIONS

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 if rain is forecasted during time allotted for installation.

- ↑ higher temperature and/or humidity = ↓ reduced working times
- ↓ lower temperature and/or humidity = ↑ increased working times

TESTING AND WARRANTY

Before you begin installation, review Pre- and Post-Job Checklists available at kretus.com/project-planning. Test and look for any unknown site conditions and/or defects.

ON-SITE APPLICATION TESTING

To ensure desired results are achieved, the system should be tested in a small area on site.

SURFACE PREPARATION

Before installing KRETUS®System, substrate must be

- Clean: Remove any and all contaminates.
- Profiled (concrete floor): Mechanically prepare by diamond grinding or shotblasting to ICRI CSP 3 or higher. Required CSP may vary based on the condition of the concrete. Always adhere to International Concrete Repair Institute's current standards.

- Sound: Treat all joints (terminations and transitions) and random cracks with manufacturer-approved crack and joint repair.

  NOTE (concrete floor): Coatings tend to pull away from free edges—termination points (anywhere concrete ends), joints, cracks, gutters, drains. Anchor joints may need to be added 6" from termination points. Joints and cracks may need to be expanded to 2x the width and 1x the depth. Edges around drains and gutters may need a deeper slope.

MIXING STATION GENERAL OVERVIEW

Organize and inspect products, equipment, and tools to minimize delays during installation. Photos of ideal mixing station are available at kretus.com/project-planning.

Select a well-ventilated area outside of application zone and out of direct sunlight. Mixing station is ideally a 4-by-4-feet or larger level surface protected by cardboard or plastic liner. DO NOT mix or install material in confined space without proper ventilation.

Check and Compare Like Materials

Separate products by type: Urethane Concrete Parts A, B, and C.

- Parts A: If pigmented, check to see that color is correct and that batch numbers are the same. If different batch numbers, box (or mix) batches to keep color consistent throughout application. Make sure unpigmented products are clear.
- Parts B: Make sure product has no gelation or crystallization. If this occurs, contact KRETUS® distributor.
- Parts C: Make sure material is dry and undamaged. Moisture will cause material to clump. Clumps should be sifted prior to mixing or discarded.
- Colorant: Check to see that color is correct and that batch numbers are the same. If different batch numbers, box (or mix) batches to keep color consistent throughout application.

Only combine products within the same product line. DO NOT mix one product's Part A with a different product's Part B or C. For example, only mix Urethane Polymer Concrete SL Part C with Urethane Polymer Concrete SL/MF Part A and Urethane Polymer Concrete SL/MF Part B EZ, AP, or FC.

GENERAL MIXING GUIDE

- Use a high-RPM, high-torque drill and Jiffler double-bladed mixer.

DO NOT mix materials by hand.

Premeasure components before combining. Mix materials in clean buckets. To ensure material is uniform and thoroughly mixed, use paint stick to scrape sides and bottom of mixture. Change mix buckets every 2-5 batches. Use all material immediately after mix. Buildup on bucket or transfer of buildup to new batch can shorten product's working time.

DO NOT mix more product than can be applied in the working time allotted. DO NOT leave mixed material in mass. REMEMBER more material = more heat. Mixing large batches will shorten a product's working time.

SAVE TIME & MONEY

UPC 1-COAT

EQUIPMENT CHECKLIST

Safety

- ☐ KRETUS® Safety Data Sheets
- ☐ gloves
- ☐ hard hat
- ☐ knee pads
- ☐ respirator
- ☐ safety glasses
- ☐ _____
- ☐ _____
- ☐ _____

Mixing

- ☐ variable speed mixing drill
- ☐ mixing blades (Jiffler double-bladed mixer)
- ☐ paint mixing sticks
- ☐ measuring pails
- ☐ 1-, 2-, and 5-gallon pails (metal and/or plastic)
- ☐ masking/rosin paper
- ☐ cardboard, painter's plastic
- ☐ painter's tape
- ☐ duct tape
- ☐ cooler and ice
- ☐ _____
- ☐ _____
- ☐ _____

Clean-Up

- ☐ rags
- ☐ stiff-bristle broom(s)
- ☐ cordless electric leaf blower and extra batteries
- ☐ _____
- ☐ _____
- ☐ _____

Additional Tools/Products

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

This serves as a general guide and is not a comprehensive list.

Surface Preparation

- ☐ calcium chloride and pH test kit
- ☐ Wagner Rapid RH® test kit
- ☐ 10-gauge extension cords, 100'
- ☐ HEPA vacuum
- ☐ power source or generator
- ☐ Clarke 17" floor maintainer
- ☐ 17" sanding discs, 36 and 60 grit
- ☐ 17" sanding screens, 80 and 120 grit
- ☐ sanding/rubbing stones
- ☐ concrete grinding equipment
- ☐ diamond or shotblast tooling to achieve CSP 3
- ☐ _____
- ☐ _____
- ☐ _____

Application

- ☐ chip brushes
- ☐ paint accessories—extension rods, frames, and pans
- ☐ roller covers, 3/8" nap, non-shed (18", 9", 6")
- ☐ blades—flat rigid, flat flexible, and 5-7, 8-12, and 25-30 WFT (wet film thickness) mil
- ☐ 1/2" high x 3/8" deep V-notched squeegee
- ☐ trowel
- ☐ gauge rake and cams
- ☐ spiked and loop rollers
- ☐ spiked shoes
- ☐ _____
- ☐ _____
- ☐ _____

KRETUS® PRODUCT CHECKLIST

- ☐ Urethane Polymer Concrete (3 component)
- ☐ Urethane Polymer Concrete Colorant
- ☐ Solvent Cleaner
- ☐ Power Cleaner
- ☐ _____
- ☐ _____
- ☐ _____

SYSTEM ACTION GUIDELINE

RC PRIME OR TOP COAT

NOTE: RC can be applied as top coat to smooth surface defects, such as gauge rake, trowel, or roller marks.
When outgassing occurs, an RC prime coat may be required.
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.

	UNPIGMENTED COAT	PIGMENTED COAT
PRODUCT	A (UPC RC/TT) + B (UPC RC/TT EZ, AP, or FC) + C UPC RC)	A (UPC RC/TT) + UCC (UPC Colorant) + B (UPC RC/TT EZ, AP, or FC) + C UPC RC)
STANDARD KIT MIX RATIO	A:B:C = 6 lbs:6 lbs:6 lbs	A:UCC:B:C = 6 lbs:4 oz:6 lbs:6 lbs
MIXING INSTRUCTIONS	Mix A with B for 30 sec. Slowly add C and mix for 2 min.	Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min.
METHOD/TOOLS	**8- to 12-mil application:** Apply with 8-12 WFT-mil blade and non-shed 3/8" nap roller. **15- to 20--mil application:** Apply with 15-20 WFT-mil blade and non-shed 3/8" nap roller. **25- to 30-mil application:** Apply with 25-30 WFT-mil blade and non-shed 3/8" nap roller.	**8- to 12-mil application:** Apply with 8-12 WFT-mil blade and non-shed 3/8" nap roller. **15- to 20--mil application:** Apply with 15-20 WFT-mil blade and non-shed 3/8" nap roller. **25- to 30-mil application:** Apply with 25-30 WFT-mil blade and non-shed 3/8" nap roller.
RECOAT TIME	Multiple speed hardeners available. See Product Guide.	Multiple speed hardeners available. See Product Guide.
COVERAGE RATE	**8- to 12-mil:** 190-280 sf/kit **15- to 20-mil:** 120-150 sf/kit **25- to 30-mil:** 80-90 sf/kit	**8- to 12-mil:** 190-280 sf/kit **15- to 20-mil:** 120-150 sf/kit **25- to 30-mil:** 80-90 sf/kit

SYSTEM ACTION GUIDELINE

RC TOP COAT WITH ANTI-SLIP

NOTE: To increase slip resistance use KRETUS® Anti-Slip in top coat.
RC can be applied as top coat to smooth surface defects, such as gauge rake, trowel, or roller marks.
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.

	UNPIGMENTED COAT WITH BROADCAST		PIGMENTED COAT WITH BROADCAST	
PRODUCT	A (UPC RC/TT) + B (UPC RC/TT EZ, AP, or FC) + C UPC RC)	Any of the following textures: • Anti-Slip AO 24 • Anti-Slip AO 36 • Anti-Slip AO 60 • KRETUS®-approved Industrial Sand #60, #30, or #20	A (UPC RC/TT) + UCC (UPC Colorant) + B (UPC RC/TT EZ, AP, or FC) + C UPC RC)	Any of the following textures: • Anti-Slip AO 24 • Anti-Slip AO 36 • Anti-Slip AO 60 • KRETUS®-approved Industrial Sand #60, #30, or #20
STANDARD KIT MIX RATIO	A:B:C = 6 lbs:6 lbs:6 lbs		A:UCC:B:C = 6 lbs:4 oz:6 lbs:6 lbs	
MIXING INSTRUCTIONS	Mix A with B for 30 sec. Slowly add C and mix for 2 min.		Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min.	
METHOD/TOOLS	**Work in 200-500 sf increments:** Apply coating with blade and non-shed 3/8" nap roller. Lightly broadcast or "salt and pepper" Anti-Slip or Industrial Sand at 1 lb/10 sf into wet RC. Then roll RC over texture. **For 8- to 12-mil application:** 8-12 WFT-mil blade **For 15- to 20-mil application:** 15-20 WFT-mil blade **For 25- to 30-mil application:** 25-30 WFT-mil blade		**Work in 200-500 sf increments:** Apply coating with blade and non-shed 3/8" nap roller. Lightly broadcast or "salt and pepper" Anti-Slip or Industrial Sand at 1 lb/10 sf into wet RC. Then roll RC over texture. **For 8- to 12-mil application:** 8-12 WFT-mil blade **For 15- to 20-mil application:** 15-20 WFT-mil blade **For 25- to 30-mil application:** 25-30 WFT-mil blade	
RECOAT TIME	Multiple speed hardeners available. See Product Guide.		Multiple speed hardeners available. See Product Guide.	
COVERAGE RATE	**8- to 12-mil:** 190-280 sf/kit **15- to 20-mil:** 120-150 sf/kit **25- to 30-mil:** 80-90 sf/kit	1 lb/10 sf	**8- to 12-mil:** 190-280 sf/kit **15- to 20-mil:** 120-150 sf/kit **25- to 30-mil:** 80-90 sf/kit	1 lb/10 sf

SYSTEM ACTION GUIDELINE

1-COAT UV

NOTE: This serves as a general installation guide. Before you begin, review all relevant documents.
If MVER (moisture vapor emission rate) is higher than 15 lbs. per 1,000 sf in a 24-hour period, contact KRETUS® for moisture control solutions.
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.

	UNPIGMENTED BASE COAT	PIGMENTED BASE COAT
PRODUCT	A (UPC RC/TT) + B (UPC RC/TT UV AP) + C UPC RC) + D (Poly Accelerant)	A (UPC RC/TT) + UCC (UPC Colorant) + B (UPC RC/TT EZ, AP, or FC) + C UPC RC) + D (Poly Accelerant)
STANDARD KIT MIX RATIO	A:B:C:D = 6 lbs:6 lbs:6 lbs:6 oz	A:UCC:B:C:D = 6 lbs:4 oz:6 lbs:6 lbs:6 oz
MIXING INSTRUCTIONS	Mix A with B for 30 sec. Slowly add C and mix for 2 min. Add D and mix for 30 sec.	Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min. Add D and mix for 30 sec.
METHOD/TOOLS	**8- to 12-mil application:** Apply with 8-12 WFT-mil blade and non-shed 3/8" nap roller. **15- to 20--mil application:** Apply with 15-20 WFT-mil blade and non-shed 3/8" nap roller. **25- to 30-mil application:** Apply with 25-30 WFT-mil blade and non-shed 3/8" nap roller.	**8- to 12-mil application:** Apply with 8-12 WFT-mil blade and non-shed 3/8" nap roller. **15- to 20--mil application:** Apply with 15-20 WFT-mil blade and non-shed 3/8" nap roller. **25- to 30-mil application:** Apply with 25-30 WFT-mil blade and non-shed 3/8" nap roller.
RECOAT TIME	Multiple speed hardeners available. See Product Guide.	Multiple speed hardeners available. See Product Guide.
COVERAGE RATE	**8- to 12-mil:** 190-280 sf/kit **15- to 20-mil:** 120-150 sf/kit **25- to 30-mil:** 80-90 sf/kit	**8- to 12-mil:** 190-280 sf/kit **15- to 20-mil:** 120-150 sf/kit **25- to 30-mil:** 80-90 sf/kit

SYSTEM ACTION GUIDELINE

UPC UV TOP COAT WITH ANTI-SLIP

NOTE: To increase slip resistance use KRETUS® Anti-Slip in top coat.
RC can be applied as top coat to smooth surface defects, such as gauge rake, trowel, or roller marks.
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.

	UNPIGMENTED COAT WITH BROADCAST		PIGMENTED COAT WITH BROADCAST	
PRODUCT	A (UPC RC/TT) + B (UPC RC/TT UV AP) + C UPC RC) + D (Poly Accelerant)	Any of the following textures: • Anti-Slip AO 24 • Anti-Slip AO 36 • Anti-Slip AO 60 • KRETUS®-approved Industrial Sand #60, #30, or #20	A (UPC RC/TT) + B (UPC RC/TT UV AP) + C UPC RC) + D (Poly Accelerant)	Any of the following textures: • Anti-Slip AO 24 • Anti-Slip AO 36 • Anti-Slip AO 60 • KRETUS®-approved Industrial Sand #60, #30, or #20
STANDARD KIT MIX RATIO	A:B:C:D = 6 lbs:6 lbs:6 lbs:6 oz		A:UCC:B:C:D = 6 lbs:4 oz:6 lbs:6 lbs:6 oz	
MIXING INSTRUCTIONS	Mix A with B for 30 sec. Slowly add C and mix for 2 min. Add D and mix for 30 sec.		Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min. Add D and mix for 30 sec.	
METHOD/TOOLS	**Work in 200-500 sf increments:** Apply coating with blade and non-shed 3/8" nap roller. Lightly broadcast or "salt and pepper" Anti-Slip or Industrial Sand at 1 lb/10 sf into wet RC. Then roll RC over texture. **For 8- to 12-mil application:** 8-12 WFT-mil blade **For 15- to 20-mil application:** 15-20 WFT-mil blade **For 25- to 30-mil application:** 25-30 WFT-mil blade		**Work in 200-500 sf increments:** Apply coating with blade and non-shed 3/8" nap roller. Lightly broadcast or "salt and pepper" Anti-Slip or Industrial Sand at 1 lb/10 sf into wet RC. Then roll RC over texture. **For 8- to 12-mil application:** 8-12 WFT-mil blade **For 15- to 20-mil application:** 15-20 WFT-mil blade **For 25- to 30-mil application:** 25-30 WFT-mil blade	
RECOAT TIME	Multiple speed hardeners available. See Product Guide.		Multiple speed hardeners available. See Product Guide.	
COVERAGE RATE	**8- to 12-mil:** 190-280 sf/kit **15- to 20-mil:** 120-150 sf/kit **25- to 30-mil:** 80-90 sf/kit	1 lb/10 sf	**8- to 12-mil:** 190-280 sf/kit **15- to 20-mil:** 120-150 sf/kit **25- to 30-mil:** 80-90 sf/kit	1 lb/10 sf

SYSTEM ACTION GUIDELINE

1-COAT SL

NOTE: This serves as a general installation guide. Before you begin, review all relevant documents.
If MVER (moisture vapor emission rate) is higher than 15 lbs. per 1,000 sf in a 24-hour period, contact KRETUS® for moisture control solutions.
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.

	UNPIGMENTED BASE COAT	PIGMENTED BASE COAT
PRODUCT	A (UPC SL/MF) + B (UPC SL/MF EZ, AP, or FC) + C UPC SL)	A (UPC SL/MF) + UCC (UPC Colorant) + B (UPC SL/MF EZ, AP, or FC) + C UPC SL)
STANDARD KIT MIX RATIO	A:B:C = 8 lbs:8 lbs:25 lbs	A:UCC:B:C = 8 lbs:4 oz:8 lbs:25 lbs
MIXING INSTRUCTIONS	Mix A with B for 30 sec. Slowly add C and mix for 2 min.	Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min.
METHOD/TOOLS	**1/8" application:** Apply with gauge rake or 1/2" high x 3/8" deep V-notched squeegee and non-shed 3/8" nap roller. **3/16-1/4" application:** Apply with trowel and loop roller or gauge rake and loop or spiked roller.	**1/8" application:** Apply with gauge rake or 1/2" high x 3/8" deep V-notched squeegee and non-shed 3/8" nap roller. **3/16-1/4" application:** Apply with trowel and loop roller or gauge rake and loop or spiked roller.
RECOAT TIME	Multiple speed hardeners available. See Product Guide.	Multiple speed hardeners available. See Product Guide.
COVERAGE RATE	**1/8" application:** 50-60 sf/kit **3/16" application:** 35-40 sf/kit **1/4" application:** 25-30 sf/kit	**1/8" application:** 50-60 sf/kit **3/16" application:** 35-40 sf/kit **1/4" application:** 25-30 sf/kit

SYSTEM ACTION GUIDELINE

1-COAT MF

NOTE: This serves as a general installation guide. Before you begin, review all relevant documents.
If MVER (moisture vapor emission rate) is higher than 15 lbs. per 1,000 sf in a 24-hour period, contact KRETUS® for moisture control solutions.
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.

	UNPIGMENTED BASE COAT	PIGMENTED BASE COAT
PRODUCT	A (UPC SL/MF) + B (UPC SL/MF EZ, AP, or FC) + C UPC MF)	A (UPC SL/MF) + UCC (UPC Colorant) + B (UPC SL/MF EZ, AP, or FC) + C UPC MF)
STANDARD KIT MIX RATIO	A:B:C = 8 lbs:8 lbs:40 lbs	A:UCC:B:C = 8 lbs:4 oz:8 lbs:40 lbs
MIXING INSTRUCTIONS	Mix A with B for 30 sec. Slowly add C and mix for 2 min.	Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min.
METHOD/TOOLS	**1/8" application:** Apply with gauge rake or 1/2" high x 3/8" deep V-notched squeegee and non-shed 3/8" nap roller. **3/16-1/4" application:** Apply with trowel and loop roller or gauge rake and loop or spiked roller.	**1/8" application:** Apply with gauge rake or 1/2" high x 3/8" deep V-notched squeegee and non-shed 3/8" nap roller. **3/16-1/4" application:** Apply with trowel and loop roller or gauge rake and loop or spiked roller.
RECOAT TIME	Multiple speed hardeners available. See Product Guide.	Multiple speed hardeners available. See Product Guide.
COVERAGE RATE	**1/8" application:** 60 sf/kit **3/16" application:** 35 sf/kit **1/4" application:** 25 sf/kit	**1/8" application:** 60 sf/kit **3/16" application:** 35 sf/kit **1/4" application:** 25 sf/kit

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