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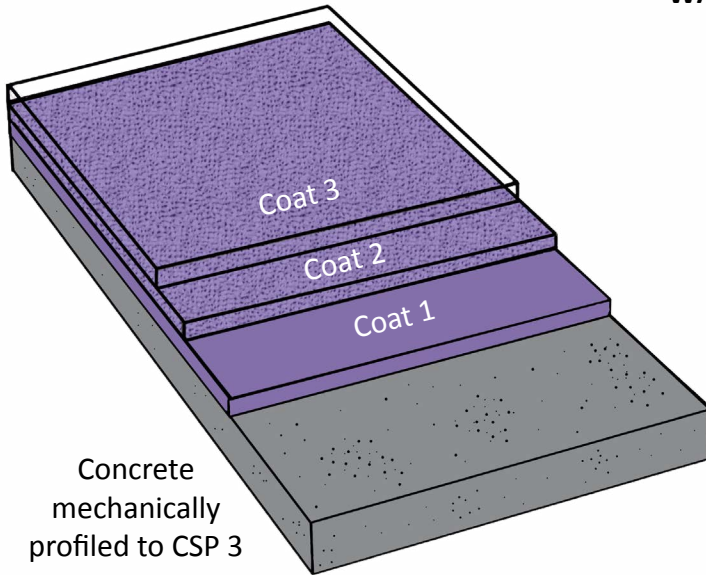
UPC SEALER
**COLOR SPLASH
INSTALLATION GUIDE**



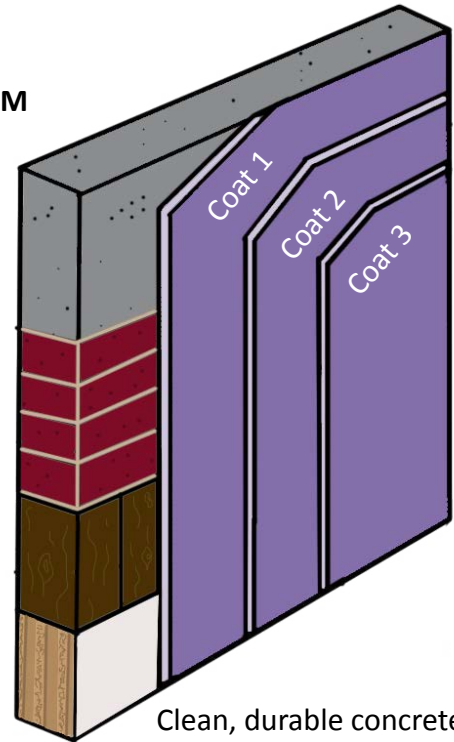
KRETUS® COLOR SPLASH UPC SEALER SYSTEMS

Combine the beauty of **KRETUS® Color Splash Systems** with the power and strength of UPC (Urethane Polymer Concrete). **KRETUS® Color Splash UPC Sealer Systems** give surfaces long-lasting protection against vehicle traffic, water intrusion, and bacterial and fungal growth.

FLOOR SYSTEM



WALL SYSTEM



COLOR SPLASH^{RC}

Featuring versatile UPC RC, this low-build system has high tolerance for contaminated concrete.

Floor System

- Coat 1: UPC RC + UPC Colorant
- Coat 2: Anti-Slip Tex 50 + System Options on page 5
- Coat 3: System Options on page 5

Wall System

- Coat 1: UPC RC + UPC Colorant + fumed silica
- Coat 2: System Options on page 5
- Coat 3: System Options on page 5

COLOR SPLASH^{SL}

Great for spalled or cracked concrete, this system uses adaptable UPC SL as a one-step resurfacing self-leveler.

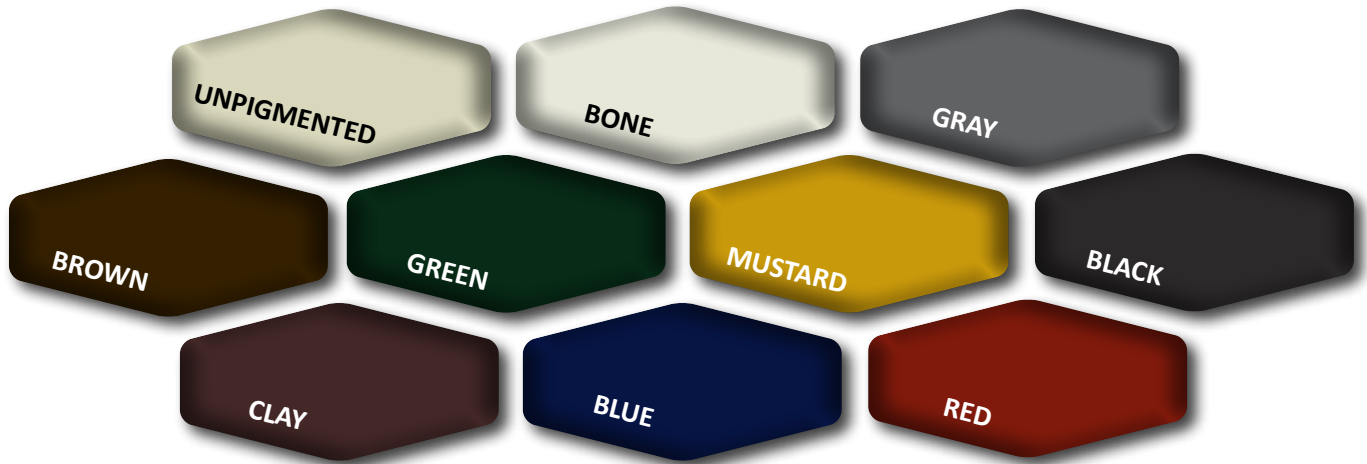
Floor System Only

- Coat 1: UPC SL + UPC Colorant
- Coat 2: Anti-Slip Tex 50 + System Options on page 5
- Coat 3: System Options on page 5

NOTE: Any **KRETUS® Color Splash Sealer System** may be applied in 2 coats: Apply Coat 1 and then either Coat 2 or Coat 3. Be aware that reducing to 2 coats may affect system advantages, uses, and testing results.

COAT 1 COLOR CHART

NOTE: Coat 1 will remain visible under clear coats and slightly visible under pigmented coats. Example: For White finish, apply Bone (Coat 1) and White (Coats 2 and 3). For Bone finish, apply Bone (Coat 1) and Clear (Coats 2 and 3). Before selecting color(s), see limitations on page 4.



COATS 2 AND 3 COLOR CHART



Colors are approximate. Product selection, substrate, mix ratio, application technique, climate, and location may affect color. For Polyaspartic or Polyurethane: Colors sold as Poly Colorant. For Urethane Polymer Concrete: Colors sold as Urethane Polymer Concrete Colorant. All Colorants must be mixed with part A prior to mixing with parts B or C. To order color pre-blended or custom, fill out the KRETUS® Special Order form available at kretus.com/project-planning. Allow for additional lead time and fees.

USES

Restore old concrete or preserve the new with **KRETUS® Color Splash UPC Sealer Systems**, great for warehouse walls and floors, corridors, walkways, and more.

- light- to heavy-traffic commercial, industrial, and residential wall and floor coating

ADVANTAGES

- **compliant:** meets USDA, FDA, SCAQMD, and VOC requirements
- **anti-microbial:** protects against bacterial and fungal growth
- **ez clean:** requires little effort to maintain
- **green building:** eligible for LEED points, produced in California from partially recycled materials
- **high-traffic tolerant:** stands up to vehicle traffic and continuous pedestrian traffic
- **hot-tire resistant:** curbs delamination caused by hot tires
- **scratch resistant:** conceals minor scratches
- **UV resistant (see Limitations):** protects against deterioration and discoloration from intense lighting and sun exposure
- **waterproofing:** protects surfaces and underlying areas from water intrusion

LIMITATIONS

- All UPC will amber over time.
- **If color stability is important:** Use pigmented Polyaspartic or Polyurethane as coats 2 and 3 or select a **KRETUS® Color Splash Acrylic or Poly Sealer System** for higher UV resistance.
- Light colors may require additional coats for full coverage.
- **Polyaspartic:** Do not apply single coat greater than 14 mils thick (114 sf per gallon).

ASTM C722 CHEMICAL AND STAIN RESISTANCE

Protected by a clear coat of Polyaspartic, Polyurethane HS, or Polyurethane HP, **KRETUS® Color Splash UPC Sealer 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% | • citric acid, 30% | • motor oil |
| • anti-freeze | • chlorinated pool water/hard water | • premium gasoline |
| • brake fluid | • jet fuel | • wine and whisky |

Only applies when Polyurethane HP is used as top coat 3:

- | | |
|--|-----------------------|
| • hydraulic fluid (machinery/aviation) | • silver nitrate, 20% |
| • isopropyl alcohol | • sulfuric acid, 37% |

To review all test results, see 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

Select application(s) for coats 2 and 3. When jobsite conditions demand increased durability, chemical or skid resistance, contact KRETUS® distributor for additional top coat options and/or Anti-Slip texture samples.

Polyaspartic

- glossy clear/color finish, highest UV resistance
- includes low-odor Polyaspartic option
- can be applied at -20°F to 100°F

Polyurethane HS

- high shine clear/color finish, adds UV resistance
- highest shine and reflectivity
- best for large areas if low/high RH
- can be applied at 40°F to 110°F

Polyurethane HP

- clear/color gloss or satin finish, adds UV resistance
- highest chemical and stain resistance
- can be applied at 40°F to 100°F

NC = no change in results, same as previous column

(-) = not applicable

PROPERTY/TEST METHOD	COLOR SPLASH RC	COLOR SPLASH SL	
NOMINAL THICKNESS, floor	10-35 mils	1/8"	
NOMINAL THICKNESS, wall	16 mils	-	
MOISTURE VAPOR EMISSION RATE, lbs./1,000 sf/24 hrs (ASTM F1869)	<15 lbs.	<25 lbs.	
RELATIVE HUMIDITY (ASTM F2170)	<99%	NC	
ADHESION TO CONCRETE, psi (ASTM D4541)	1,000	NC	
DYNAMIC COEFFICIENT OF FRICTION (DCOF ANSI 137.1)	Based on Anti-Slip texture >0.4	NC	
COMPRESSIVE STRENGTH, psi (ASTM C109)	8,000	10,000	
COMPRESSIVE STRENGTH, psi (ASTM C579)	10,000 Resin: 10,000	12,500-12,900 Resin: NC	
FLAME SPREAD/NFPA 101 (ASTM E84)	Class A	NC	
FLAMMABILITY (ASTM D635)	Self-extinguishing	NC	
FLEXURAL MODULUS OF ELASTICITY (ASTM C580)	620,000 Resin only: 380,000	NC	
FLEXURAL STRENGTH, psi (ASTM C580)	2,000	2,600-2,700	
IMPACT RESISTANCE (MIL-D-24613)	Pass: No chipping, no cracking Indentation (24 hrs): 0.0008	NC	
COEFFICIENT OF LINEAR THERMAL EXPANSION (ASTM D696)	-	0.000005	
OIL ABSORPTION (MIL-D-3134)	0%	NC	
PERM RATING, perms (ASTM E96)	0.1	NC	
SHORE D HARDNESS (ASTM D2240)	75-80	NC	
TENSILE STRENGTH, psi (ASTM C307)	1,100 Resin only: 4,000	NC	
THERMAL SHOCK OR STABILITY (ASTM C531 Part 4.05)	0.00011	NC	
WATER ABSORPTION (ASTM D570)	0%	NC	
VARIES BY TOP COAT	POLYASPARTIC	POLYURETHANE HS	POLYURETHANE HP
ABRASION RESISTANCE, mg loss, CS-17 wheel/1,000g load/1,000 cycles (ASTM D4060)	17	15	4
HEAT RESISTANCE LIMITATION	140-200°F	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	UPC/URETHANE POLYMER CONCRETE (3 COMPONENT)		
	EZ	AP	FC
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

Product	POLYASPARTIC (2 COMPONENT)							
	72		85			92 LOW ODOR		
	EZ	FAST	EZ	FAST	XFC	EZ	FAST*	XFC
Application Temperature	<100°F <80% RH	<90°F <70% RH	<90°F <80% RH	<80°F <35% RH	<70°F <35% RH	<80°F <55% RH	<80°F <35% RH	<70°F <35% RH
Working Time	25-30 min	20-25 min	15-25 min	15-20 min	5-10 min	15-25 min	15-20 min	5-10 min
Recoat Time	6-8 hrs	4-6 hrs	8-12 hrs	4-6 hrs	1-6 h	4-6 hrs	2-4 hrs	1-6 h
Return to Service	24 hrs	24 hrs	24 hrs	24 hrs	12 h	18-24 hrs	5-6 hrs	12 h
Full Cure	7 days	5 days	7 days	5 days	3 days	5 days	3 days	3 days

*92 Low Odor FAST recommended only when working in <250 sf increments.

Product	POLYURETHANE (2 COMPONENT)			
	HS		HP	
	EZ	FC	GLOSS	SATIN
Application Temperature	60-110°F <90% RH	40-80°F <40% RH	60-90°F <70% RH	60-80°F <55% RH
Working Time	30-45 min	15-20 min	20 min	15-20 min
Recoat Time	6-8 hrs	2-4 hrs	4-6 hrs	4-6 hrs
Return to Service	48 hrs	12 hrs	12 hrs	12 hrs
Full Cure	7 days	7 days	5 days	7 days

All times recorded using 1-qt. sample at ambient temperature of 70°F and 50% humidity. Top Shelf® Epoxy recorded using A-Resin in 1-qt. sample.

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, systems should be tested in a small area on site.

SURFACE PREPARATION

Before installing KRETUS® System, substrate must be

- **Clean:** Remove any and all contaminants.
- **Profiled (concrete floor):** Mechanically prepare by diamond grinding or shotblasting to ICRI CSP 3. Adhere to International Concrete Repair Institute's current standards.
- **Sound:** Remove/replace non-durable surfaces. 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. For mixing station examples, review KRETUS® Mixing Station photo gallery 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: UPC RC Parts A, B, and C; UPC SL Parts A, B, and C; UPC or Poly Colorant; Polyaspartic 72, 85, and 92 Low Odor Parts A and B; Polyurethane HP Parts A and B; Polyurethane HS Parts A and B; Solvent Cleaner; and Anti-Slip Tex 50.

- **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 products have 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 batch numbers are the same. If different batch numbers, box (or mix) batches to keep color consistent throughout application.
- **Anti-Slip:** Make sure material is dry and undamaged. Moisture will cause material to clump. Clumps should be sifted prior to mixing or discarded.
- **Fumed silica:** Adhere to manufacturer's instructions.

Only combine products within the same product line. **DO NOT** mix one product's Part A with a different product's Part B or Colorant. For example, only mix Polyaspartic 85 Part B with Polyaspartic 85 Part A EZ or Fast.

Poly Colorant may decrease working time by 5 minutes. If mixing Poly Colorant with Fast or FC hardeners, mix in small batches or increase number of installers.

GENERAL MIXING GUIDE

- **For Urethane Polymer Concrete:** Use a high-RPM, high-torque drill and Jiffler double-bladed mixer.
- **For all other products:** Use a low-RPM, low-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.

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.

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

- fumed silica (Aerosil 200 or Konasil K-200)
- _____
- _____
- _____
- _____

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
- roll covers, 3/8" nap, non-shed (6", 9", 18")
- blades—flat flexible/rigid, and 5-7 and 25-30 WFT (wet film thickness) mil, and 1/2"w x 3/8"d v-notched squeegee
- trowel
- gauge rake
- spiked and loop rollers
- paint sprayer
- spiked shoes
- _____
- _____

KRETUS® PRODUCT CHECKLIST

- UPC RC (3 component)
- UPC SL (3 component)
- UPC Colorant
- Polyaspartic (2 component)
- Polyurethane HS (2 component)
- Polyurethane HP (2 component)
- Poly Colorant
- Anti-Slip Tex 50
- Solvent Cleaner
- Power Cleaner
- _____
- _____

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

SYSTEM ACTION GUIDELINE

FLOOR SEALER: COLOR SPLASH ^{RC}



This serves as a general installation guide. Before you begin, review all relevant documents.

NOTE: If MVER is >15 lbs./1,000 sf in a 24-hr period: Select a system with higher moisture tolerance, or a moisture mitigation system may be required.
Begin cove application before floor application.

	COAT 1 FLOOR (Clear/Color)	COAT 2	COAT 3
PRODUCT	A (Urethane Polymer Concrete RC/TT Part A) + UCC (optional Urethane Polymer Concrete Colorant) + B (Urethane Polymer Concrete RC/TT Part B) + C (Urethane Polymer Concrete RC Part C)	See System Options on page 12.	See System Options on page 13.
STANDARD KIT MIX RATIO	Clear Coating: A:B:C = 6 lbs:6 lbs:6 lbs Color Coating: A:UCC:B:C = 6 lbs:4 oz:6 lbs:6 lbs		
MIXING INSTRUCTIONS	Clear Coating: Mix A with B and mix for 30 sec. Slowly add C and mix for 2 min. Color Coating: Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min.		
METHOD/TOOLS	10-mil application: Apply with 5-7 WFT-mil blade and non-shed 3/8" nap roller and loop roller. 35-mil application: Apply with 25-30 WFT-mil blade and non-shed 3/8" nap roller and loop roller.		
RECOAT TIME	Fast- and slow-cure hardeners available. See Product Guide.		
COVERAGE RATE	10-mil: 200-225 sf/kit 35-mil: 80-90 sf/kit		

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.



SYSTEM ACTION GUIDELINE

FLOOR SEALER: COLOR SPLASH

This serves as a general installation guide. Before you begin, review all relevant documents.

NOTE: If MVER is >25 lbs./1,000 sf in a 24-hr period, contact KRETUS® for moisture-control solutions.
Begin cove application before floor application.

	COAT 1 FLOOR (Clear/Color)	COAT 2	COAT 3
PRODUCT	A (Urethane Polymer Concrete SL/MF Part A) + UCC (optional Urethane Polymer Concrete Colorant) + B (Urethane Polymer Concrete SL/MF Part B) + C (Urethane Polymer Concrete SL Part C)	See System Options on page 12.	See System Options on page 13.
STANDARD KIT MIX RATIO	Clear Coating: A:B:C = 8 lbs.:8 lbs.:25 lbs. Color Coating: A:UCC:B:C = 8 lbs.:4 oz:8 lbs.:25 lbs.		
MIXING INSTRUCTIONS	Clear Coating: Mix A with B and mix for 30 sec. Slowly add C and mix for 2 min. Color Coating: Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min.		
METHOD/TOOLS	Apply with gauge rake or 1/2" wide x 3/8" deep V-notched squeegee and loop and spiked rollers.		
RECOAT TIME	Fast- and slow-cure hardeners available. See Product Guide.		
COVERAGE RATE	45-50 sf/kit		

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.

SYSTEM OPTIONS



FLOOR SEALER: Select application for COAT 2.

	FLOOR COAT 2 (Clear/Color) Polyaspartic	FLOOR COAT 2 (Clear/Color) Polyurethane HS
PRODUCT	A (Polyaspartic Part A) + PC (optional Poly Colorant) + B (Polyaspartic Part B) + T (Anti-Slip Tex 50)	A (Polyurethane HS Part A) + PC (optional Poly Colorant) + B (Polyurethane HS Part B) + T (Anti-Slip Tex 50)
STANDARD KIT MIX RATIO	Clear Coating: A:B:T = 1 gal:1 gal:16 oz Color Coating: A:PC:B:T = 1 gal:16 oz:1 gal:16 oz	Clear Coating: A:B:T = 1 gal:1/2 gal:16 oz Color Coating: A:PC:B:T = 1 gal:12 oz:1/2 gal:16 oz
MIXING INSTRUCTIONS	Clear Coating: Mix A with B for 1 min. Add T and mix for 1 min. Color Coating: Mix A with PC for 1 min or until color is uniform. Add B and mix for 1 min. Add T and mix for 1 min.	Clear Coating: Mix A with B for 1 min. Add T and mix for 1 min. Color Coating: Mix A with PC for 1 min or until color is uniform. Add B and mix for 1 min. Add T and mix for 1 min.
METHOD/TOOLS	Apply with 5-7 WFT-mil blade and non-shed 3/8" nap roller. Or use dip-and-roll method with non-shed 3/8" nap roller and dry backroll.	Apply with 5-7 WFT-mil blade and non-shed 3/8" nap roller. Or use dip-and-roll method with non-shed 3/8" nap roller and dry backroll.
RECOAT TIME	Fast- and slow-cure hardeners available. See Product Guide.	
COVERAGE RATE	450-640 sf/kit	340-480 sf/kit

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.

SYSTEM OPTIONS



FLOOR SEALER: Select application for COAT 3.

	FLOOR COAT 3 (Clear/Color) Polyaspartic	FLOOR COAT 3 (Clear/Color) Polyurethane HS	FLOOR COAT 3 (Clear/Color) Polyurethane HP
PRODUCT	A (Polyaspartic Part A) + PC (optional Poly Colorant) + B (Polyaspartic Part B)	A (Polyurethane HS Part A) + PC (optional Poly Colorant) + B (Polyurethane HS Part B)	A (Polyurethane HP Part A) + optional PC (Poly Colorant) + B (Polyurethane HP Part B)
STANDARD KIT MIX RATIO	Clear Coating: A:B = 1 gal:1 gal Color Coating: A:PC:B = 1 gal:16 oz:1 gal	Clear Coating: A:B = 1 gal:1/2 gal Color Coating: A:PC:B = 1 gal:12 oz:1/2 gal	Clear Coating: Gloss —A:B = 1 qt:1 gal Satin —A:B = 1/2 gal:1 gal Color Coating: Gloss —A:PC:B = 1 qt:10 oz:1 gal Satin —A:PC:B = 1/2 gal:12 oz:1 gal
MIXING INSTRUCTIONS	Clear Coating: Mix A with B for 1 min. Color Coating: Mix A with PC for 1 min or until color is uniform. Add B and mix for 1 min.	Clear Coating: Mix A with B for 1 min. Color Coating: Mix A with PC for 1 min or until color is uniform. Add B and mix for 1 min.	Clear Coating: Mix A with B for 2 min. Color Coating: Mix A with PC for 1 min or until color is uniform. Add B and mix for 1 min.
METHOD/TOOLS	Apply with flat flexible blade and non-shed 3/8" nap roller.	Apply with flat flexible blade and non-shed 3/8" nap roller.	Use dip-and-roll method with non-shed 3/8" nap roller and dry backroll.
RECOAT TIME	Fast- and slow-cure hardeners available. See Product Guide.		
COVERAGE RATE	800 sf/kit	600 sf/kit	Gloss: 575-625 sf/kit Satin: 675-725 sf/kit

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.



SYSTEM ACTION GUIDELINE

WALL SEALER: COLOR SPLASH^{RC}

This serves as a general installation guide. Before you begin, review all relevant documents.

Surface Preparation and Testing

Test and look for any unknown site conditions and/or defects. Before installing KRETUS® system, substrate must be (A) Clean: Remove any and all contaminates. (B) Profiled: Surface may need to be mechanically prepared for proper adhesion. (C) Sound: Treat all joints (terminations and transitions) and random cracks.

	COAT 1 WALL (Clear/Color)	COAT 2	COAT 3
PRODUCT	A (Urethane Polymer Concrete RC/TT Part A) + UCC (optional Urethane Polymer Colorant) + FS (fumed silica) + B (Urethane Polymer Concrete RC/TT Part B) + C (Urethane Polymer Concrete RC Part C)		
STANDARD KIT MIX RATIO	Clear Coating: A:FS:B:C = 6 lbs:1 qt:6 lbs:6 lbs Color Coating: A:UCC:FS:B:C = 6 lbs:4 oz:1qt:6 lbs:6 lbs	See System Options on page 15.	
MIXING INSTRUCTIONS	Clear Coating: Mix A with FS for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min. Color Coating: Mix A with UCC and FS for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min.		
METHOD/TOOLS	Apply with non-shed brush/roller.		
RECOAT TIME	Fast- and slow-cure hardeners available. See Product Guide.		
COVERAGE RATE	400 sf/kit		

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.

SYSTEM OPTIONS



WALL SEALER: Select application(s) for COATS 2 and 3.

	WALL COAT 3 (Clear/Color) Polyaspartic	WALL COAT 3 (Clear/Color) Polyurethane HS	WALL COAT 3 (Clear/Color) Polyurethane HP
PRODUCT	A (Polyaspartic Part A) + PC (optional Poly Colorant) + FS (fumed silica) + B (Polyaspartic Part B)	A (Polyurethane HS Part A) + PC (optional Poly Colorant) + FS (fumed silica) + B (Polyurethane HS Part B)	A (Polyurethane HP Part A) + PC (optional Poly Colorant) + B (Polyurethane HP Part B)
STANDARD KIT MIX RATIO	Clear Coating: A:FS:B = 1 gal:1 qt:1 gal Color Coating: A:PC:FS:B = 1 gal:16 oz:1 qt:1 gal	Clear Coating: A:FS:B = 1 gal:1 qt:1/2 gal Color Coating: A:PC:FS:B = 1 gal:12 oz:1 qt:1/2 gal	Clear Coating: Gloss —A:B = 1 qt:1 gal Satin —A:B = 1/2 gal:1 gal Color Coating: Gloss —A:PC:B = 1 qt:10 oz:1 gal Satin —A:PC:B = 1/2 gal:12 oz:1 gal
MIXING INSTRUCTIONS	Clear Coating: Mix A with FS for 2 min or until consistency is uniform. Add B and mix for 1 min. Color Coating: Mix A with PC for 1 min or until color is uniform. Add FS and mix for 2 min or until consistency is uniform. Add B and mix for 1 min.	Clear Coating: Mix A with FS for 2 min or until consistency is uniform. Add B and mix for 1 min. Color Coating: Mix A with PC for 1 min or until color is uniform. Add FS and mix for 2 min or until consistency is uniform. Add B and mix for 1 min.	Clear Coating: Mix A with B for 2 min. Color Coating: Mix A with PC for 1 min or until color is uniform. Add B and mix for 1 min.
METHOD/TOOLS	Apply with non-shed brush/roller.	Apply with non-shed brush/roller.	Use dip-and-roll method with non-shed 3/8" nap roller and dry backroll.
RECOAT TIME	Fast- and slow-cure hardeners available. See Product Guide.		
COVERAGE RATE	950 sf/kit	750 sf/kit	Gloss: 575-625 sf/kit Satin: 675-725 sf/kit

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.



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