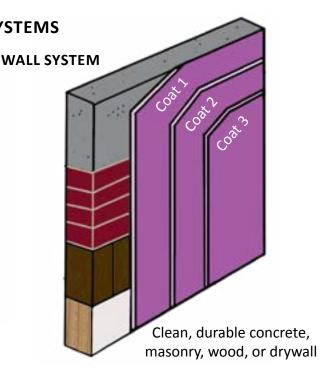


COLOR SPLASH EALER INSTALLATION GUIDE

FLOOR SYSTEM WALL SY Concrete mechanically profiled to CSP 2



CLEAR & TRANSLUCENT SEALERS

Enhance the natural colors and features of walls and floors with clear gloss or low-gloss KRETUS® Color Splash Acrylic Sealer Systems. When combined with manufacturer-approved pigments or dyes, Color Splash SBC and Color Splash WBC perform as a tint or stain.

COLOR SPLASH

Solvent-borne system is fast-drying for quick return to service.

- Coat 1: SB Acrylic Sealer
- Coat 2 (wall system): SB Acrylic Sealer
- Coat 2 (floor system): SB Acrylic Sealer + Anti-Slip Bead 100 + Bead 50
- Coat 3: SB Acrylic Sealer

COLOR SPLASH

Water-borne system has a long wet-edge to reduce brush/roller marks.

- Coat 1: WB Acrylic Sealer Clear
- Coat 2 (wall system): WB Acrylic Sealer Clear
- Coat 2 (floor system): WB Acrylic Sealer Clear
 + Anti-Slip Bead 100 + Bead 50
- Coat 3: WB Acrylic Sealer Clear

100% PIGMENTED SEALER

Coat floors and walls in glossy warm or cool opaque color with Color Splash WBB, a water-borne KRETUS® Color Splash Acrylic Sealer System with a long wet-edge to reduce brush/roller marks.



- Coat 1: WB Acrylic Sealer Base + WB Colorant
- Coat 2 (wall system): WB Acrylic Sealer Base + WB Colorant
- Coat 2 (floor system): WB Acrylic Sealer Base + WB Colorant + Anti-Slip Bead 100 + Bead 50
- Coat 3: Repeat Coat 1 or WB Acrylic Sealer Clear

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.



100% PIGMENTED SEALER

COLOR SPLASH^B TRENDING COLORS

All trending colors are shown in Accent Base. More colors available on Acrylic Sealer WB Colorant Color Chart.



Colors are approximate. Product selection, substrate, mix ratio, application technique, climate, and location may affect color. Colors are sold as WB Colorant packs and should be combined with WB Acrylic Sealer Base. 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

Protect concrete, drywall, masonry, or wood from UV degradation, bacterial growth, and water intrusion. Great for architecture restoration, interior design, warehouse walls, and more, KRETUS® Color Splash Acrylic Sealer Systems brighten interior and exterior spaces.

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

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
- scratch resistant: conceals minor scratches
- UV resistant: protects against deterioration and discoloration from intense lighting and sun exposure
- waterproofing: protects surfaces and underlying areas from water intrusion

LIMITATIONS

- WB Acrylic Sealers will not adhere to SB Acrylic Sealers.
- To speed dry time and reduce risk of dripping, coats should be applied at a thickness of 6 mils or less.
- 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

KRETUS® Color Splash Acrylic 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:

- brake fluid
- citric acid. 30%
- hard water

- motor oil
- premium gasoline
- vinegar

To review 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

When jobsite conditions demand increased durability, chemical or skid resistance, contact KRETUS® distributor for additional top coat options and/or Anti-Slip texture samples.

NC = no change in results, same as previous column

PROPERTY/TEST METHOD	COLOR SPLASH SBC	COLOR SPLASH WBC	COLOR SPLASH WBB
NOMINAL THICKNESS, floor	10 mils	NC	12 mils
NOMINAL THICKNESS, wall	10 mils	NC	12 mils
MOISTURE VAPOR EMISSION RATE, lbs./1,000 sf/24 hrs (ASTM F1869)	<3	NC	NC
RELATIVE HUMIDITY (ASTM F2170)	<80%	NC	NC
ABRASION RESISTANCE, mg loss, CS-17 wheel/1,000 g load/1,000 cycles (ASTM D4060)	40	NC	NC
ADHESION TO CONCRETE, psi (ASTM D4541)	300	NC	NC
DYNAMIC COEFFICIENT OF FRICTION (DCOF ANSI 137.1)	Based on Anti-Slip texture >0.4	NC	NC
HEAT RESISTANCE LIMITATION	140-200°F	NC	NC
FLAME SPREAD/NFPA 101 (ASTM E84)	Class A	NC	NC
FLAMMABILITY (ASTM D635)	Self-extinguishing	NC	NC
IMPACT RESISTANCE (MIL-D-24613)	Pass: No chipping, no cracking Indentation (24 hrs): 0.008	NC	NC
OIL ABSORPTION (MIL-D-3134)	0.04%	NC	NC
SHORE D HARDNESS (ASTM D2240)	70-75	NC	75-80
WATER ABSORPTION (ASTM D570)	0.04%	NC	NC



PRODUCT GUIDE

Dundrick	SB ACRYLIC SEALER (1 COMPONENT)		
Product	GLOSS (CLEAR)	LOW GLOSS (CLEAR)	
Application Temperature	35-85°F		
Working Time	10 min		
Recoat Time	1-24 hrs		
Return to Service	18-48 hrs		
Full Cure	7 days		

Dundrich	WB ACRYLIC SEALER (1 COMPONENT)		WB ACRYLIC SEALER (2 COMPONENT)		
Product	CLEAR GLOSS	CLEAR LOW GLOSS	ACCENT BASE*	MEDIUM BASE*	DEEP BASE*
Application Temperature	35-100°F		35-100°F		
Working Time	20-25 min		20-25 min		
Recoat Time	2-48 hrs		2-48 hrs		
Return to Service	24-48 hrs		24-48 hrs		
Full Cure	7 days		7 days		

^{*}WB Colorant MUST be added to Accent, Medium, and Deep Base WB Acrylic Sealers. 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 SB (solvent-borne) Acrylic Sealers 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.

Solvent-borne Products:

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

Water-borne Products:

- \downarrow lower temperature and/or humidity = \downarrow reduced working times
- ↑ higher 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 before beginning installation.

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 2. Adhere to International Concrete Repair Institute's current standards.
- **Sound:** Remove/replace non-durable sufaces. Treat all joints (terminations and transitions) and random cracks with manufacturer approved crack and joint repair.

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. Ideal mixing station is 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: SB Acrylic Sealer Gloss or Low Gloss; Solvent Cleaner; WB Acrylic Sealer Clear Gloss or Low Gloss; WB Acrylic Sealer Accent, Medium, or Deep Base; WB Colorant; Anti-Slip Bead 100 and Bead 50.

- Gloss/Low Gloss Acrylic Sealers: Make sure product is clear.
- WB Acrylic Sealer Base (Accent, Medium, or Deep): 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.
- **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.

Only mix WB Colorant with WB Acrylic Sealer Bases.

GENERAL MIXING GUIDE

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	,	Surfac	e Preparation
	KRETUS® Safety Data Sheets		calcium chloride and pH test kit
	gloves		Wagner Rapid RH® test kit
	hard hat		10-gauge extension cords, 100'
	knee pads		HEPA vacuum
	respirator		power source or generator
	safety glasses		Clarke 17" floor maintainer
			17" sanding discs, 36 and 60 grit
			17" sanding screens, 80 and 120 grit
			sanding/rubbing stones
			concrete grinding equipment
Mixing			diamond tooling to achieve CSP 2
	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)	Applic	cation
	masking/rosin paper		chip brushes
	cardboard, painter's plastic		paint accessories—extension rods, frames,
	painter's tape		and pans
	duct tape		roll covers, 3/8" nap, non-shed (6", 9", 18")
	cooler and ice		paint sprayer
			spiked shoes
			flat squeegee
Clean-	-Ор		
	rags		
	stiff-bristle broom(s)	KRETI	US® PRODUCT CHECKLIST
	cordless electric leaf blower and extra batteries	KKLI	
			SB Acrylic Sealer Low Gloss
			SB Acrylic Sealer Gloss
			WB Acrylic Sealer Clear Low Gloss
			WB Acrylic Sealer Clear Gloss
Δdditi	onal Tools/Products		WB Acrylic Sealer Accent Base + WB Colorant
Additi	onal 10013/11 Todacts		WB Acrylic Sealer Medium Base + WB Coloran
			WB Acrylic Sealer Deep Base + WB Colorant
			Anti-Slip Bead 50
			Anti-Slip Bead 100
			Solvent Cleaner
			Power Cleaner
This se	erves as a general guide and is not a comprehensive list.		

Installation Guide: Color Splash Acrylic Sealer Systems, Rev. 4/26/22 Page 8 of 12

SYSTEM ACTION GUIDELINE



WALL/FLOOR SEALER: COLOR SPLASHC (Solvent-borne Clear Acrylic)

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.

NOTE: FOR CONCRETE FLOOR: If MVER is >3 lbs./1,000 sf in a 24-hr period, select a system with higher moisture tolerance, or a moisture mitigation system may be required. FOR ALL APPLICATIONS: Do not apply any coat thicker than 6 mils.

	COAT 1 COAT 2 WALL/FLOOR (Clear) WALL/FLOOR (Clear)		COAT 3 WALL/FLOOR (Clear)	
PRODUCT	SBC (SB Acrylic Sealer Gloss/Low Gloss) + SC (optional Solvent Cleaner)	Wall Application: SBC (SB Acrylic Sealer Gloss/Low Gloss) + SC (optional Solvent Cleaner) Floor Application: SBC (SB Acrylic Sealer Gloss/Low Gloss) + SC (Solvent Cleaner) + T (1:1 mix ratio of Anti-Slip Bead 50:Anti-Slip Bead 100)	SBC (SB Acrylic Sealer Gloss/Low Gloss) + SC (optional Solvent Cleaner)	
MIX RATIO	Roll coat: SBC may be diluted with SC, up to 1:1. Spray application: SBC should be diluted with SC, up to 1:1.	Wall (roll)—SBC may be diluted with SC, up to 1:1. Wall (spray)—SBC should be diluted with SC, up to 1:1. Wall (spray)—SBC SC:T = 1 gal: 1 gal: 8-12 oz		
MIXING INSTRUCTIONS	Mix SBC for 1 min. If adding SC, combine and mix for 1-2 min.	Wall: Mix SBC for 1 min. If adding SC, combine and mix for 1-2 min.Floor: Mix SBC for 1 min. Add SC and mix for 1-2 min. Add T and mix for 1 min or until consistency is uniform.	Mix SBC for 1 min. If adding SC, combine and mix for 1-2 min.	
METHOD/TOOLS	Apply with non-shed roller/brush/spray. Wall: Apply with non-shed roller/brush/spray. Floor: Apply with non-shed roller/brush. Apply with non-shed roller/brush.		Apply with non-shed roller/brush/spray.	
RECOAT TIME	1-24 hrs	1-24 hrs	1-24 hrs	
COVERAGE RATE	Wall: 400-600 sf/gal Floor: 300-500 sf/gal	Wall: 400-600 sf/gal Floor: 300-500 sf/gal	Wall: 400-600 sf/gal Floor: 300-500 sf/gal	

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/FLOOR SEALER: COLOR SPLASH (Water-borne Clear Acrylic)

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.

NOTE: FOR CONCRETE FLOOR: If MVER is >3 lbs./1,000 sf in a 24-hr period, select a system with higher moisture tolerance, or a moisture mitigation system may be required. FOR ALL APPLICATIONS: Do not apply any coat thicker than 6 mils.

	COAT 1 COAT 2 WALL/FLOOR (Clear) WALL/FLOOR (Clear)		COAT 3 WALL/FLOOR (Clear)	
PRODUCT	WBC (WB Acrylic Sealer Gloss/Low Gloss) + W (optional water)	Wall Application: WBC (WB Acrylic Sealer Gloss/Low Gloss) + W (optional water) Floor Application: WBC (WB Acrylic Sealer Gloss/Low Gloss) + W (optional water) + T (1:1 mix ratio of Anti-Slip Bead 50:Anti-Slip Bead 100)	WBC (WB Acrylic Sealer Gloss/Low Gloss) + W (optional water)	
MIX RATIO	Roll coat: WBC may be diluted with W, up to 1:1. Spray application: WBC should be diluted with W, up to 1:1.	Wall (roll)—WBC may be diluted with W, up to 1:1. Wall (spray)—WBC should be diluted with W, up to 1:1. Floor (roll)—WBC:W:T = 1 gal:1 gal:8-12 oz	Roll coat: Use full-strength application. DO NOT dilute with W. Spray application: WBC should be diluted with W, up to 1:1.	
MIXING INSTRUCTIONS	Mix WBC for 1 min. If adding W, combine and mix for 1-2 min.	Wall: Mix WBC for 1 min. If adding W, combine and mix for 1-2 min.Floor: Mix WBC for 1 min. Add W and mix for 1-2 min.Add T and mix for 1 min or until texture is uniform.	Mix WBC for 1 min. If adding W, combine and mix for 1-2 min.	
METHOD/TOOLS	Apply with non-shed roller/brush/spray.	Wall: Apply with non-shed roller/brush/spray. Floor: Apply with non-shed roller/brush.	Apply with non-shed roller/brush/spray.	
RECOAT TIME	1-24 hrs	1-24 hrs	1-24 hrs	
COVERAGE RATE	Wall: 400-600 sf/gal Floor: 300-500 sf/gal	Wall: 400-600 sf/gal Floor: 300-500 sf/gal	Wall: 400-600 sf/gal Floor: 300-500 sf/gal	

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.



WALL/FLOOR SEALER: COLOR SPLASH (Water-borne Base Acrylic, 100% Pigmented)

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.

NOTE: FOR CONCRETE FLOOR: If MVER is >3 lbs./1,000 sf in a 24-hr period, select a system with higher moisture tolerance, or a moisture mitigation system may be required. FOR ALL APPLICATIONS: Do not apply any coat thicker than 6 mils.

	COAT 1 WALL/FLOOR (Color)	COAT 2 WALL/FLOOR (Color)	COAT 3 WALL/FLOOR (Clear/Color)
PRODUCT	WBB (WB Acrylic Sealer Accent, Medium, or Deep Base) + C (WB Colorant) + W (optional water)	Wall Application: WBB (WB Acrylic Sealer Accent, Medium, or Deep Base) + C (WB Colorant) + W (optional water) Floor Application: WBB (WB Acrylic Sealer Accent, Medium, or Deep Base) + WBC (WB Colorant) + T (1:1 mix ratio of Anti-Slip Bead 50:Anti-Slip Bead 100)	Color Coating: Repeat step 1. Clear Coating: WBC (WB Acrylic Sealer Gloss/Low Gloss) + W (optional water)
STANDARD KIT MIX RATIO	Roll coat—WBB: C = 5 gal: 16 oz DO NOT dilute roll coat with W. Spray application—Mixture should be diluted with W, up to 2.5 gal.	Wall (roll)—WBB:C = 5 gal:16 oz Wall (spray)—Mixture should be diluted with W, up to 2.5 gal. Floor (roll)—WBB:C:T = 5 gal:16 oz:30-40 oz	Color Coating: Repeat step 1. Clear Coating: Roll: Use full-strength application. DO NOT dilute with W. Spray: WBC should be diluted with W, up to 1:1.
MIXING INSTRUCTIONS	Mix WBB for 1 min. Add C and mix for 5 min. or until color is uniform. If adding W, combine and mix for 1-2 min. or until consistency is uniform.	 Wall: Mix WBB for 1 min. Add C and mix for 5 min. or until color is uniform. If adding W, combine and mix for 1-2 min. or until consistency is uniform. Floor: Mix WBB for 1 min. Add C and mix for 5 min. or until color is uniform. Add T and mix for 1-2 min. or until consistency is uniform. 	Color Coating: Repeat step 1. Clear Coating: Mix WBC for 1 min. If adding W, combine and mix for 1-2 min.
METHOD/TOOLS	Apply with non-shed roller/brush/spray.	Wall: Apply with non-shed roller/brush/spray. Floor: Apply with non-shed roller/brush.	Apply with non-shed roller/brush/spray.
RECOAT TIME	1-24 hrs	1-24 hrs	1-24 hrs
COVERAGE RATE	Wall: 400-600 sf/gal Floor: 300-500 sf/gal	Wall: 400-600 sf/gal Floor: 300-500 sf/gal	Wall: 400-600 sf/gal Floor: 300-500 sf/gal

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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