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INDUSTRIAL SAND

installation guide

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INSTALLATION GUIDE: KRETUS® INDUSTRIAL SAND SYSTEMS

This guide provides general installation instructions for KRETUS® Industrial Sand Systems. Review all relevant documentation before beginning work.

WHO THIS GUIDE IS FOR

This guide is intended for professional installers trained to apply KRETUS® systems.

WHAT YOU'LL FIND IN THIS GUIDE

This guide includes general requirements that apply to all Industrial Sand systems:

- safety
- testing & warranty
- maintenance & cleaning
- surface preparation
- mixing
- application

On the back pages of this guide, you'll find System Action Guidelines. A **System Action Guideline (SAG)** is a quick-reference page that shows:

- which products are used for a specific system
- the order of installation steps
- basic mix ratios, application tools, and coverage rates

INDUSTRIAL SAND SYSTEMS COVERED IN THIS GUIDE

Single Broadcast Systems – 1/8"
Standard build for most applications

- **MVR-TS-PA**
  Epoxy MVR and base with Polyaspartic top coat
- **RC-RC**
  UPC (no UV-resistance)
- **RC-RCUV**
  UPC
- **RC-PA**
  UPC base with Polyaspartic top coat

Double Broadcast Systems – 3/16"
Standard build with a smoother, more uniform appearance

- **MVR-DB-TS-PA**
  Epoxy MVR and base with Polyaspartic top coat
- **DB-RC-RC**
  UPC (no UV-resistance)
- **DB-RC-RCUV**
  UPC

Self-Leveling Single Broadcast Systems – 3/16"
Improved leveling and durability

- **SL-RC**
  UPC (no UV-resistance)
- **SL-PA**
  UPC base with Polyaspartic top coat
- **SL-TS-HP**
  UPC base, epoxy cap, and Polyurethane top coat
- **SL-RC-HP**
  UPC base with Polyurethane top coat
- **SL-PA-HP**
  UPC base, Polyaspartic cap, Polyurethane top coat

Medium-Flow Single Broadcast Systems – 1/4"
Thicker build for added durability

- **MF-RC**
  UPC (no UV-resistance)
- **MF-PA**
  UPC base with Polyaspartic top coat
- **MF-TS-HP**
  UPC base, epoxy cap, and Polyurethane top coat
- **MF-RC-HP**
  UPC base with Polyurethane top coat
- **MF-PA-HP**
  UPC base, Polyaspartic cap, Polyurethane top coat

Trowel-Applied Single Broadcast Systems – 3/8"
Heavy-duty systems for the most demanding environments

- **TT-TS-HP**
  UPC base, epoxy cap, and Polyurethane top coat
- **TT-RC-HP**
  UPC base with Polyurethane top coat
- **TT-PA-HP**
  UPC base, Polyaspartic cap, Polyurethane top coat

SYSTEM CODE KEY (APPLIES TO ALL SYSTEMS)

System codes are used internally to identify system components and installation steps and are provided here for clarity.

DB = Double Broadcast	**RCUV** = UPC RC UV
HP = Polyurethane HP	**RC** = UPC RC
IND = Industrial Sand System	**SL** = UPC SL
MF = UPC MF	**TS** = Top Shelf® Epoxy
MVR = Moisture Vapor Reducer	**TT** = UPC TT
PA = Polyaspartic	**UPC** = Urethane Polymer Concrete

SAFETY

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

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.

MAINTENANCE AND CLEANING

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

PRODUCT GUIDE (ALPHABETICAL ORDER)

Most KRETUS® products have fast- and slow-cure hardeners. Before selecting products, consider jobsite temperature, substrate condition, applicator's skill level, and time available for installation. XFC, FC, and FAST hardeners are recommended only for experienced installers or at low temperatures.

Product	POLYASPARTIC (2 COMPONENT)							
	72		85			92 LOW ODOR		
	EZ	FC	EZ	FC	XFC*	EZ	FC*	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	8-36 hrs	4-24 hrs	8-36 hrs	4-24 hrs	1-6 h	6-24 hrs	3-24 hrs	1-6 h
Return to Service	36 hrs	24 hrs	36 hrs	24 hrs	12 h	24 hrs	24 hrs	12 h
Full Cure	7 days	5 days	7 days	5 days	3 days	5 days	3 days	3 days

* Polyaspartic 85 XFC and 92 Low Odor FC and XFC recommended only when working in <250 SF increments.

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

Product	TOP SHELF® EPOXY (2 COMPONENT)			
	A-RESIN | EZ	A-RESIN | AP	COMMERCIAL RESIN | TH A-RESIN | TH	A-RESIN | FAST
Application Temperature	60-110°F <90% RH	60-95°F <90% RH	60-80°F <90% RH	41-85°F <90% RH
Working Time	40-50 min	25-35 min	20-25 min	15-20 min
Recoat Time	9-36 hrs	7.5-36 hrs	8-24 hrs	5.5-24 hrs
Return to Service	24 hrs	24 hrs	24 hrs	10 hrs
Full Cure	7 days	7 days	7 days	5 days

Product	TOP SHELF® EPOXY MVR (2 COMPONENT)	
	OMG BLOCKER EZ CR-RESIN | MVR-EZ	OMG BLOCKER FC CR-RESIN | MVR-FC
Application Temperature	60-95°F <90% RH	41-77°F <90% RH
Working Time	25-30 min	15 min
Recoat Time	8.5-24 hrs	3-16 hrs
Return to Service	24 hrs	5-6 hrs
Full Cure	7 days	5 days

Product	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	URETHANE POLYMER CONCRETE RC UV (4 COMPONENT)
Application Temperature	40-100°F <90% RH
Working Time	30 min
Recoat Time	12 hrs
Return to Service	24-36 hrs
Full Cure	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, HANDLING & DISPOSAL

- **Storage:** Store materials in a cool (60-80°F), dry place out of direct sunlight. DO NOT allow water into materials unless instructed to do so.
- **Handling:** Safety Data Sheets must be adhered to at all times. No personnel may touch, relocate, or use materials without proper training. All materials are to be treated as dangerous substances without firsthand knowledge. Congregating, eating, smoking, or drinking of any kind is not allowed on or near materials.
- **Disposal:** Follow federal, local, and building requirements for waste disposal.

LIMITATIONS

- **Application temperatures:** Apply material when temperature is decreasing. If application temperatures are outside of those recommended, contact your KRETUS® Technical Representative.
- **Mock-ups:** Complete samples and onsite mockups to ensure desired results are achieved.
- **Poly Colorant:** Adding Poly Colorant may reduce working time by 5 minutes.
- **Polyaspartic:** Unless installing over a broadcast, DO NOT apply any single coat greater than 14 mils thick (114 square feet per gallon).
- **Polyurethane HP:** DO NOT install directly over industrial sand. DO NOT apply any single coat greater than 5 mils thick (320 square feet per gallon).
- **Prime coat:** Where outgassing is suspected or prevalent or if concrete is especially porous or in poor condition, a prime coat may be required.
- **Repair:** All substrate/concrete repairs must be completed before installing any system.
- **UV resistance:** All epoxy and non-UV Urethane Polymer Concrete will amber over time. If color stability is important, use UV-resistant top coats.
- **Weather conditions:** DO NOT apply under direct sunlight. DO NOT install under inclement weather conditions.

SURFACE PREPARATION GUIDELINES

Contact your KRETUS® Technical Representative if substrate is not listed below.

Concrete Substrate Must Be

- **Clean:** Remove all release agents, curing compounds, salts, efflorescence, grease, oil, dust, and other contaminates or particles that would hinder material's adhesion to substrate.
- **Profiled:** New concrete should be allowed to dry a minimum of 28 days. Mechanically prepare concrete to ICRI CSP 3. Required CSP may vary based on the condition of concrete. Adhere to ICRI (International Concrete Repair Institute) current standards.
- **Sound:** Clean and treat all moving and nonmoving joints and cracks.

JOINT AND CRACK REPAIR

Coatings tend to pull away from termination points (anywhere concrete ends), joints, cracks, gutters, drains. Anchor joints may need to be added 6 inches from termination points. Joints and cracks may need to be expanded to 2x the width and 1x the depth.

MATERIAL PREP AND MIXING

While each KRETUS® product has specific mixing instructions, most coatings follow this general process:

1. **Prepare** the mixing station and organize materials for installation.
2. **Inspect** all components for batch numbers, color consistency, and material condition.
3. **Check** that all equipment is clean and in good working condition.
4. **Combine** components in the order listed in the Technical Data Sheet (TDS).
5. **Mix** each component until uniform before adding the next. Slowly add dry materials (if required) while continuing to mix to prevent settling. Mix until all components are fully incorporated, then immediately transfer material to installation surface.

Always follow the TDS for exact mixing order, ratio, and times. For help with mixing station setup, go to kretus.com/project-planning.

DEW POINT CALCULATION

Adhere to the KRETUS® Dew Point Calculation Chart available at kretus.com/project-planning.

- To avoid blistering and delamination, the substrate and material must be a minimum of 5°F above the dew point. This temperature must be maintained throughout drying time.
- **EXAMPLE:** If the air temperature is 60°F and relative humidity is 60%, the Dew Point is 45°F. The temperature of the substrate must be ⩾ 50°F (45 + 5) before a coating can be applied.

APPLICATION GUIDELINES

- **Applying material:** After mixing, pour material in even rows along the substrate. Spread material evenly using the appropriate tools to achieve the required thickness specified. DO NOT let material puddle on floor—this will cause white spots to appear when coating cures.
- **Wet edge:** Keep a wet edge while applying products.
- **Spiked shoes:** Wear shoes with rounded metal spikes when walking on wet material.
- **Nap roller:** When using a 3/8-inch non-shed nap roller to smooth the coating, always roll in the same direction. Start each row from the same end. If you roll back and forth or switch directions, it may leave roller marks.

Solvent-Based Products:

- higher temperature = shorter working time
- lower temperature = longer working time

Polyaspartic, Polyurethane, and Select Poly Products Are Highly Sensitive to Humidity:

- higher humidity = shorter working time

EQUIPMENT CHECKLIST

Safety

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

Mixing

- ☐ variable speed mixing drill
- ☐ mixing blades (Jiffler-style 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

- ☐ KRETUS® Cleaners (Coating, Power, Solvent)
- ☐ rags
- ☐ stiff-bristle broom(s)
- ☐ cordless electric leaf blower and extra batteries
- ☐ _____
- ☐ _____

Additional Tools/Products

- ☐ 30-mesh clean, kiln-dried sand (for broadcast)
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

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/shotblast tooling to achieve specified CSP
- ☐ _____
- ☐ _____

Application

- ☐ chip brushes
- ☐ paint accessories (extension rods, frames, pans)
- ☐ non-shed rollers (spike, loop, 3/8" nap)
- ☐ Midwest Rake® squeegees/blades (flat and WFT-mil) 1/2" wide x 3/8" V-notched squeegee
- ☐ trowels (cove, flat, margin)
- ☐ gauge rake and CAM set
- ☐ spiked shoes
- ☐ _____
- ☐ _____

KRETUS® PRODUCT CHECKLIST

- ☐ Anti-Slip
- ☐ Poly Colorant
- ☐ Polyaspartic (2 component)
- ☐ Polyurethane HP (2 component)
- ☐ Top Shelf® Epoxy Colorant
- ☐ Top Shelf® Epoxy (2 component)
- ☐ Top Shelf® Epoxy MVR (2-component)
- ☐ Urethane Polymer Concrete Colorant
- ☐ Urethane Polymer Concrete (3 component)
- ☐ Urethane Polymer Concrete RC UV (4 component)
- ☐ _____
- ☐ _____
- ☐ _____

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND MVR-TS-PA, 1/8"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = up to 99%.

PRIME COAT: A Top Shelf® Epoxy prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 MVR COAT	2 BASE COAT	3 BROADCAST	4 SAND & SWEEP	5 TOP COAT
PRODUCT	A (Top Shelf® Epoxy Part A - CR-Resin) + B (Top Shelf® Epoxy Part B - MVR-EZ or MVR-FC)	A (Top Shelf® Epoxy Part A - A-Resin) + B (Top Shelf® Epoxy Part B)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (Polyaspartic Part A) + PC (Poly Colorant) + B (Polyaspartic Part B) + T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:B = 1 gal+1/2 gal	A:B = 1 gal+1/2 gal	N/A	N/A	A:PC:B:T = 1 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A for 1 min or until uniform. Add B and mix for 2 min or until uniform.	Mix A for 1 min or until uniform. Add B and mix for 2 min or until uniform.	N/A	N/A	Mix A with PC. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	Apply with 15-20 WFT-mil blade. Smooth application with 3/8" non-shed nap roller.	**Work in 200-500 SF increments:** 1. Apply coating with 15-20 WFT-mil blade. Use 3/8" non-shed nap roller to smooth application. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	100 SF/gal	100 SF/gal	0.75 lb/SF	N/A	90 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND RC-RC, 1/8"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 15 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 **BASE COAT**	**2** **BROADCAST**	**3** **SAND & SWEEP**	**4** **TOP COAT**
PRODUCT	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)
KIT MIX RATIO	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs	N/A	N/A	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.	N/A	N/A	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.
METHOD/ TOOLS	**Work in 200-500 SF increments:** **1.** Apply coating with 25-30 WFT-mil blade. Smooth with 3/8" non-shed nap roller. **2.** Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part B). See Product Guide on pages 3–4.
COVERAGE RATE	150 SF/kit	0.75 lb/SF	N/A	150 SF/kit

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND RC-RCUV, 1/8"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 15 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 **BASE COAT**	**2** **BROADCAST**	**3** **SAND & SWEEP**	**4** **TOP COAT**
PRODUCT	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC UV AP Part B) + D (Poly Accelerant)
KIT MIX RATIO	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs	N/A	N/A	A:UC:C:B:D = 6 lbs+4 oz+6 lbs+6 lbs+up to 6 oz
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.	N/A	N/A	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds. Add D and continue to mix for 30 seconds.
METHOD/ TOOLS	**Work in 200-500 SF increments:** **1.** Apply coating with 25-30 WFT-mil blade. Smooth with 3/8" non-shed nap roller. **2.** Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	8 hrs
COVERAGE RATE	150 SF/kit	0.75 lb/SF	N/A	150 SF/kit

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND RC-PA, 1/8"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 15 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 **BASE COAT**	**2** **BROADCAST**	**3** **SAND & SWEEP**	**5** **TOP COAT**
PRODUCT	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (Polyaspartic Part A) + PC (Poly Colorant) + B (Polyaspartic Part B) + T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs	N/A	N/A	A:PC:B:T = 1 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.	N/A	N/A	Mix A with PC. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** **1.** Apply coating with 25-30 WFT-mil blade. Smooth with 3/8" non-shed nap roller. **2.** Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	150 SF/kit	0.75 lb/SF	N/A	90 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND MVR-DB-TS-PA, 3/16"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = up to 99%.

PRIME COAT: A Top Shelf® Epoxy prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 MVR COAT	2 BASE COAT 1	3 BROADCAST 1	4 SAND & SWEEP	
PRODUCT	A (Top Shelf® Epoxy Part A - CR-Resin) + B (Top Shelf® Epoxy Part B - MVR-EZ or MVR-FC)	A (Top Shelf® Epoxy Part A - A-Resin) + B (Top Shelf® Epoxy Part B)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	See next page for steps 5-8.
KIT MIX RATIO	A:B = 1 gal+1/2 gal	A:B = 1 gal+1/2 gal	N/A	N/A	
MIXING INSTRUCTIONS	Mix A for 1 min or until uniform. Add B and mix for 2 min or until uniform.	Mix A for 1 min or until uniform. Add B and mix for 2 min or until uniform.	N/A	N/A	
METHOD/ TOOLS	Apply with 15-20 WFT-mil blade. Smooth with 3/8-inch non-shed nap roller.	**Work in 200-500 SF increments:** 1. Apply coating with 8-12 WFT-mil blade. Smooth with 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	
COVERAGE RATE	100 SF/gal	150 SF/gal	0.75 lb/SF	N/A	

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND MVR-DB-TS-PA, 3/16" (continued)

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = up to 99%.

PRIME COAT: A Top Shelf® Epoxy prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

		5 **BASE COAT 2**	**6** **BROADCAST 2**	**7** **SAND & SWEEP**	**8** **TOP COAT**
PRODUCT	See previous page for steps 1-4.	A (Top Shelf® Epoxy Part A - A-Resin) + B (Top Shelf® Epoxy Part B)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (Polyaspartic Part A) + PC (Poly Colorant) + B (Polyaspartic Part B) + T (Anti-Slip, see **NOTE**)
KIT MIX RATIO		A:B = 1 gal+1/2 gal	N/A	N/A	A:PC:B:T = 1 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS		Mix A for 1 min or until uniform. Add B and mix for 2 min or until uniform.	N/A	N/A	Mix A with PC. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS		**Work in 200-500 SF increments:** 1. Apply coating with flat, rigid blade. Smooth with 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.
RECOAT TIME		Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE		90 SF/gal	0.25 lb/SF	N/A	90 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND DB-RC-RC, 3/16"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES	
	ABBREVIATIONS: UPC = Urethane Polymer Concrete.
	INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.
	CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 15 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.
	PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.
	COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 **BASE COAT 1**	**2** **BROADCAST 1**	**3** **SAND & SWEEP**	
PRODUCT	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	See next page for steps 4-7.
KIT MIX RATIO	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs	N/A	N/A	
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.	N/A	N/A	
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply coating with 25-30WFT-mil blade. Smooth with 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	
COVERAGE RATE	150 SF/kit	0.75 lb/SF	N/A	

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND DB-RC-RC, 3/16" (continued)

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 15 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

		4 **BASE COAT 2**	**5** **BROADCAST 2**	**6** **SAND & SWEEP**	**7** **TOP COAT**
PRODUCT	See previous page for steps 1-3.	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)
KIT MIX RATIO		A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs	N/A	N/A	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs
MIXING INSTRUCTIONS		Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.	N/A	N/A	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.
METHOD/ TOOLS		**Work in 200-500 SF increments:** 1. Apply coating with flat, rigid blade. Smooth with 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.
RECOAT TIME		Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part B). See Product Guide on pages 3–4.
COVERAGE RATE		150 SF/kit	0.25 lb/SF	N/A	150 SF/kit

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND DB-RC-RCUV, 3/16"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES	
	ABBREVIATIONS: UPC = Urethane Polymer Concrete.
	INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.
	CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 15 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.
	PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.
	COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 **BASE COAT 1**	**2** **BROADCAST 1**	**3** **SAND & SWEEP**	
PRODUCT	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	See next page for steps 4-7.
KIT MIX RATIO	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs	N/A	N/A	
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.	N/A	N/A	
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply coating with 25-30 WFT-mil blade. Smooth with 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	
COVERAGE RATE	150 SF/kit	0.75 lb/SF	N/A	

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND DB-RC-RCUV, 3/16" (continued)

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 15 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

		4 **BASE COAT 2**	**5** **BROADCAST 2**	**6** **SAND & SWEEP**	**7** **TOP COAT**
PRODUCT	See previous page for steps 1-3.	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC UV AP Part B) + D (Poly Accelerant)
KIT MIX RATIO		A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs	N/A	N/A	A:UC:C:B:D = 6 lbs+4 oz+6 lbs+6 lbs+up to 6 oz
MIXING INSTRUCTIONS		Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.	N/A	N/A	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds. Add D and continue to mix for 30 seconds.
METHOD/ TOOLS		**Work in 200-500 SF increments:** 1. Apply coating with flat, rigid blade. Smooth with 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.
RECOAT TIME		Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	8 hrs
COVERAGE RATE		150 SF/kit	0.25 lb/SF	N/A	150 SF/kit

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND SL-RC, 3/16"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 BASE COAT	2 BROADCAST	3 SAND & SWEEP	4 TOP COAT
PRODUCT	A (UPC SL/MF Part A) + UC (UPC Colorant) + B (UPC SL/MF Part B - EZ, AP, or FC) + C (UPC SL Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)
KIT MIX RATIO	A:UC:B:C = 8 lbs+4 oz+8 lbs+25 lbs	N/A	N/A	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply with a Size 2 (1/8-inch) CAM and a gauge rake or with a 1/2-inch-wide x 3/8-inch-deep V-notched squeegee. Smooth with spiked or loop roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part B). See Product Guide on pages 3–4.
COVERAGE RATE	50 SF/kit	1 lb/SF	N/A	150 SF/kit

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND SL-PA, 3/16"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 **BASE COAT**	**2** **BROADCAST**	**3** **SAND & SWEEP**	**4** **TOP COAT**
PRODUCT	A (UPC SL/MF Part A) + UC (UPC Colorant) + B (UPC SL/MF Part B - EZ, AP, or FC) + C (UPC SL Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (Polyaspartic Part A) + PC (Poly Colorant) + B (Polyaspartic Part B) + T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:B:C = 8 lbs+4 oz+8 lbs+25 lbs	N/A	N/A	A:PC:B:T = 1 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A with PC. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply with Size 2 (1/8-inch) CAM and gauge rake or with a 1/2-inch-wide x 3/8-inch-deep V-notched squeegee. Smooth with spiked or loop roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	50 SF/kit	1 lb/SF	N/A	90 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND SL-TS-HP, 3/16

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete; PUHP = Polyurethane HP.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 BASE COAT	2 BROADCAST	3 SAND & SWEEP	4 CAP COAT	5 TOP COAT
PRODUCT	A (UPC SL/MF Part A) + UC (UPC Colorant) + B (UPC SL/MF Part B - EZ, AP, or FC) + C (UPC SL Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (Top Shelf® Epoxy Part A - A-Resin) + TC (Top Shelf® Epoxy Colorant) + B (Top Shelf® Epoxy Part B)	A (PUHP Part A - Gloss or Satin) + PC (Poly Colorant) + B (PUHP Part B) +T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:B:C = 8 lbs+4 oz+8 lbs+25 lbs	N/A	N/A	A:TC:B = 1 gal+16 oz+1/2 gal	**HP GLOSS** A:PC:B:T = 1 qt+16 oz+1 gal+T **HP SATIN** A:PC:B:T = 1/2 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A and TC for 1 min or until uniform. Add B and mix for 2 min or until uniform.	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply with Size 2 (1/8-inch) CAM and gauge rake or with a 1/2-inch-wide x 3/8-inch-deep V-notched squeegee. Smooth with spiked or loop roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.	Apply dip-and-roll method using 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part B). See Product Guide on pages 3–4.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	50 SF/kit	1 lb/SF	N/A	90 SF/gal	400 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND SL-RC-HP, 3/16

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete; PUHP = Polyurethane HP.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 BASE COAT	2 BROADCAST	3 SAND & SWEEP	4 CAP COAT	5 TOP COAT
PRODUCT	A (UPC SL/MF Part A) + UC (UPC Colorant) + B (UPC SL/MF Part B - EZ, AP, or FC) + C (UPC SL Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)	A (PUHP Part A - Gloss or Satin) + PC (Poly Colorant) + B (PUHP Part B) +T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:B:C = 8 lbs+4 oz+8 lbs+25 lbs	N/A	N/A	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs	**HP GLOSS** A:PC:B:T = 1 qt+16 oz+1 gal+T **HP SATIN** A:PC:B:T = 1/2 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply with Size 2 (1/8-inch) CAM and gauge rake or with a 1/2-inch-wide x 3/8-inch-deep V-notched squeegee. Smooth with spiked or loop roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.	Apply dip-and-roll method using 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part B). See Product Guide on pages 3–4.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	50 SF/kit	1 lb/SF	N/A	150 SF/kit	400 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND SL-PA-HP, 3/16

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete; PUHP = Polyurethane HP.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 BASE COAT	2 BROADCAST	3 SAND & SWEEP	4 CAP COAT	5 TOP COAT
PRODUCT	A (UPC SL/MF Part A) + UC (UPC Colorant) + B (UPC SL/MF Part B - EZ, AP, or FC) + C (UPC SL Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (Polyaspartic Part A) + PC (Poly Colorant) + B (Polyaspartic Part B)	A (PUHP Part A - Gloss or Satin) + PC (Poly Colorant) + B (PUHP Part B) +T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:B:C = 8 lbs+4 oz+8 lbs+25 lbs	N/A	N/A	A:PC:B = 1 gal+16 oz+1 gal	**HP GLOSS** A:PC:B:T = 1 qt+16 oz+1 gal+T **HP SATIN** A:PC:B:T = 1/2 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform.	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply with Size 2 (1/8-inch) CAM and gauge rake or with a 1/2-inch-wide x 3/8-inch-deep V-notched squeegee. Smooth with spiked or loop roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Use 3/8" non-shed nap roller to smooth application.	Apply dip-and-roll method using 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part A). See Product Guide on pages 3–4.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	50 SF/kit	1 lb/SF	N/A	90 SF/gal	400 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND MF-RC, 1/4"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES	
	ABBREVIATIONS: UPC = Urethane Polymer Concrete.
	INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.
	CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.
	PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.
	COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 BASE COAT	2 BROADCAST	3 SAND & SWEEP	4 TOP COAT
PRODUCT	A (UPC SL/MF Part A) + UC (UPC Colorant) + B (UPC SL/MF Part B - EZ, AP, or FC) + C (UPC MF Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)
KIT MIX RATIO	A:UC:B:C = 8 lbs+4 oz+8 lbs+40 lbs	N/A	N/A	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply with a Size 3 (3/16-inch) CAM and a gauge rake. Smooth application with spiked roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part B). See Product Guide on pages 3–4.
COVERAGE RATE	40 SF/KIT	1 lb/SF	N/A	150 SF/kit

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND MF-PA, 1/4"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 BASE COAT	2 BROADCAST	3 SAND & SWEEP	4 TOP COAT
PRODUCT	A (UPC SL/MF Part A) + UC (UPC Colorant) + B (UPC SL/MF Part B - EZ, AP, or FC) + C (UPC MF Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (Polyaspartic Part A) + PC (Poly Colorant) + B (Polyaspartic Part B) + T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:B:C = 8 lbs+4 oz+8 lbs+40 lbs	N/A	N/A	A:PC:B:T = 1 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A with PC. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply with a Size 3 (3/16-inch) CAM and a gauge rake. Smooth application with spiked roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	40 SF/KIT	1 lb/SF	N/A	90 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND MF-TS-HP, 1/4"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete; PUHP = Polyurethane HP.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 **BASE COAT**	**2** **BROADCAST**	**3** **SAND & SWEEP**	**4** **CAP COAT**	**5** **TOP COAT**
PRODUCT	A (UPC SL/MF Part A) + UC (UPC Colorant) + B (UPC SL/MF Part B - EZ, AP, or FC) + C (UPC MF Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (Top Shelf® Epoxy Part A, A-Resin) + TC (Top Shelf® Epoxy Colorant) + B (Top Shelf® Epoxy Part B)	A (PUHP Part A - Gloss or Satin) + PC (Poly Colorant) + B (PUHP Part B) +T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:B:C = 8 lbs+4 oz+8 lbs+40 lbs	N/A	N/A	A:TC:B = 1 gal+16 oz+1/2 gal	**HP GLOSS** A:PC:B:T = 1 qt+16 oz+1 gal+T **HP SATIN** A:PC:B:T = 1/2 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A and TC for 1 min or until uniform. Add B and mix for 2 min or until uniform.	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply with a Size 3 (3/16-inch) CAM and a gauge rake. Smooth application with spiked roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.	Apply dip-and-roll method using 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part B). See Product Guide on pages 3–4.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	40 SF/KIT	1 lb/SF	N/A	90 SF/gal	400 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND MF-RC-HP, 1/4"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete; PUHP = Polyurethane HP.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 **BASE COAT**	2 **BROADCAST**	3 **SAND & SWEEP**	4 **CAP COAT**	5 **TOP COAT**
PRODUCT	A (UPC SL/MF Part A) + UC (UPC Colorant) + B (UPC SL/MF Part B - EZ, AP, or FC) + C (UPC MF Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)	A (PUHP Part A - Gloss or Satin) + PC (Poly Colorant) + B (PUHP Part B) +T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:B:C = 8 lbs+4 oz+8 lbs+40 lbs	N/A	N/A	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs	**HP GLOSS** A:PC:B:T = 1 qt+16 oz+1 gal+T **HP SATIN** A:PC:B:T = 1/2 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply with a Size 3 (3/16-inch) CAM and a gauge rake. Smooth application with spiked roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.	Apply dip-and-roll method using 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part B). See Product Guide on pages 3–4.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	40 SF/KIT	1 lb/SF	N/A	150 SF/kit	400 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND MF-PA-HP, 1/4"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete; PUHP = Polyurethane HP.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 **BASE COAT**	2 **BROADCAST**	3 **SAND & SWEEP**	4 **CAP COAT**	5 **TOP COAT**
PRODUCT	A (UPC SL/MF Part A) + UC (UPC Colorant) + B (UPC SL/MF Part B - EZ, AP, or FC) + C (UPC MF Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (Polyaspartic Part A) + PC (Poly Colorant) + B (Polyaspartic Part B)	A (PUHP Part A - Gloss or Satin) + PC (Poly Colorant) + B (PUHP Part B) +T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:B:C = 8 lbs+4 oz+8 lbs+40 lbs	N/A	N/A	A:PC:B = 1 gal+16 oz+1 gal	**HP GLOSS** A:PC:B:T = 1 qt+16 oz+1 gal+T **HP SATIN** A:PC:B:T = 1/2 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform.	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply with a Size 3 (3/16-inch) CAM and a gauge rake. Smooth application with spiked roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Use 3/8" non-shed nap roller to smooth application.	Apply dip-and-roll method using 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part A). See Product Guide on pages 3–4.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	40 SF/KIT	1 lb/SF	N/A	90 SF/gal	400 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND TT-TS-HP, 1/8"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete; PUHP = Polyurethane HP.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 BASE COAT	2 BROADCAST	3 SAND & SWEEP	4 CAP COAT	5 TOP COAT
PRODUCT	A (UPC RC/TT Part A) + UC (UPC Colorant) + B (UPC RC/TT Part B - EZ, AP, or FC) + C (UPC TT Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (Top Shelf® Epoxy Part A, A-Resin) + TC (Top Shelf® Epoxy Colorant) + B (Top Shelf® Epoxy Part B)	A (PUHP Part A - Gloss or Satin) + PC (Poly Colorant) + B (PUHP Part B) +T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:B:C = 6 lbs+4 oz+6 lbs+42 lbs	N/A	N/A	A:TC:B = 1 gal+16 oz+1/2 gal	**HP GLOSS** A:PC:B:T = 1 qt+16 oz+1 gal+T **HP SATIN** A:PC:B:T = 1/2 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A and TC for 1 min or until uniform. Add B and mix for 2 min or until uniform.	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply coating with trowel. Smooth with spiked roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.	Apply dip-and-roll method using 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part B). See Product Guide on pages 3–4.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	22 SF/KIT	1 lb/SF	N/A	90 SF/gal	400 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND TT-RC-HP, 1/8"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete; PUHP = Polyurethane HP.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 **BASE COAT**	2 **BROADCAST**	3 **SAND & SWEEP**	4 **CAP COAT**	5 **TOP COAT**
PRODUCT	A (UPC RC/TT Part A) + UC (UPC Colorant) + B (UPC RC/TT Part B - EZ, AP, or FC) + C (UPC TT Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (UPC RC/TT Part A) + UC (UPC Colorant) + C (UPC RC Part C) + B (UPC RC/TT Part B - EZ, AP, or FC)	A (PUHP Part A - Gloss or Satin) + PC (Poly Colorant) + B (PUHP Part B) +T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:B:C = 6 lbs+4 oz+6 lbs+42 lbs	N/A	N/A	A:UC:C:B = 6 lbs+4 oz+6 lbs+6 lbs	**HP GLOSS** A:PC:B:T = 1 qt+16 oz+1 gal+T **HP SATIN** A:PC:B:T = 1/2 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A with UC for 15 seconds. Slowly add C and mix for 2 min. Add B and continue to mix for 30 seconds.	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply coating with trowel. Smooth with spiked roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Smooth with 3/8" non-shed nap roller.	Apply dip-and-roll method using 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part B). See Product Guide on pages 3–4.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	22 SF/KIT	1 lb/SF	N/A	150 SF/kit	400 SF/gal

SYSTEM ACTION GUIDELINE

INDUSTRIAL SAND TT-PA-HP, 1/8"

This is a quick-reference guide for trained installers. Review all required documents before you start.

NOTES

ABBREVIATIONS: UPC = Urethane Polymer Concrete; PUHP = Polyurethane HP.

INTEGRAL COVE (if specified): Apply cove base coat to wall surfaces before applying flooring according to cove installation instructions.

CONCRETE MOISTURE TOLERANCE: MVER (ASTM F1869) = Up to 25 lbs / 1,000 SF / 24 hr; RH (ASTM F2170) = 99%.

PRIME COAT: A UPC RC prime coat may be required if outgassing is suspected or if the concrete is in poor or porous condition.

ANTI-SLIP: For best results, add Anti-Slip to top coat. For recommendations, visit kretus.com/anti-slip.

COVERAGE RATES: For estimating only. Actual yields vary based on waste, substrate conditions, and other jobsite factors and are the installer's responsibility.

	1 BASE COAT	2 BROADCAST	3 SAND & SWEEP	4 CAP COAT	5 TOP COAT
PRODUCT	A (UPC RC/TT Part A) + UC (UPC Colorant) + B (UPC RC/TT Part B - EZ, AP, or FC) + C (UPC TT Part C)	30-mesh clean, kiln-dried sand	**80-grit sanding disc and** **small areas:** pole sander **large areas:** floor maintainer	A (Polyaspartic Part A) + PC (Poly Colorant) + B (Polyaspartic Part B)	A (PUHP Part A - Gloss or Satin) + PC (Poly Colorant) + B (PUHP Part B) +T (Anti-Slip, see **NOTE**)
KIT MIX RATIO	A:UC:B:C = 6 lbs+4 oz+6 lbs+42 lbs	N/A	N/A	A:PC:B = 1 gal+16 oz+1 gal	**HP GLOSS** A:PC:B:T = 1 qt+16 oz+1 gal+T **HP SATIN** A:PC:B:T = 1/2 gal+16 oz+1 gal+T
MIXING INSTRUCTIONS	Mix A with UC for 15 seconds. Add B and continue to mix for 30 seconds. Slowly add C and mix for 2 min.	N/A	N/A	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform.	Mix A with PC until color is uniform. Add B and mix for 2 min or until uniform. Add T and mix for 1 min or until uniform.
METHOD/ TOOLS	**Work in 200-500 SF increments:** 1. Apply coating with trowel. Smooth with spiked roller. 2. Into wet coating, broadcast media to refusal.		When coat is dry, fill and sand uneven areas. Vacuum to remove loose media.	Apply with flat, rigid blade. Use 3/8" non-shed nap roller to smooth application.	Apply dip-and-roll method using 3/8" non-shed nap roller.
RECOAT TIME	Based on selected hardener (Part B). See Product Guide on pages 3–4.		When loose material is removed and surface is clean.	Based on selected hardener (Part A). See Product Guide on pages 3–4.	Based on selected hardener (Part A). See Product Guide on pages 3–4.
COVERAGE RATE	22 SF/KIT	1 lb/SF	N/A	90 SF/gal	400 SF/gal