



COLOR CHIP INSTALLATION GUIDE



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

Most KRETUS® 2- and 3-component products have fast- and slow-cure hardeners. Before selecting product, consider jobsite temperature, MVER, 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 | URETHANE POLYMER CONCRETE RC OR SL (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 | TOP SHELF® EPOXY (2 COMPONENT) | | | | | |
|-------------------------|--------------------------------|--------------------|---------------------|--------------------|--------------------|--------------------|
| | MVR-EZ | MVR-FC | EZ | AP | TH* | FAST |
| Application Temperature | 60-95°F <90% RH | 41-77°F <90% RH | 60-110°F <90% RH | 60-95°F <90% RH | 60-80°F <90% RH | 41-85°F <90% RH |
| Working Time | 25-30 min | 15 min | 40-50 min | 25-35 min | 20-25 min | 15-20 min |
| Recoat Time | 8.5-24 hrs | 3-16 hrs | 9-36 hrs | 7.5-36 hrs | 8-24 hrs | 5.5-24 hrs |
| Return to Service | 24 hrs | 5-6 hrs | 24 hrs | 24 hrs | 24 hrs | 10 hrs |
| Full Cure | 7 days | 5 days | 7 days | 7 days | 7 days | 5 days |

*TH recommended only when MVER (moisture vapor emission rate) is less than 3 lbs./1,000 sf in a 24-hour period

| 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 | 8-36 hrs | 4-24 hrs | 8-36 hrs | 4-24 hrs | 1-6 hrs | 6-24 hrs | 3-24 hrs | 1-6 hrs |
| Return to Service | 36 hrs | 24 hrs | 36 hrs | 24 hrs | 12 hrs | 24 hrs | 24 hrs | 12 hrs |
| 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 | HP | |
|-------------------------|--------------------|--------------------|
| | 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 |

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

- Complete samples and onsite mockups to ensure desired finish is achieved.
- **Prime Coat:** Where outgassing is suspected or prevalent, a prime coat may be required.
- **Polyaspartic:** Do not apply single coat greater than 14 mils thick (114 sf per gallon).
- **Polyurethane HP:** Do not apply single coat greater than 7 mils thick (220 sf per gallon). Do not install directly over moisture-sensitive concrete, broadcasted vinyl chip, 30-grit or larger quartz, or 80-mesh or larger aluminum oxide.
- **UV Resistance:** All epoxy ambers over time. If color stability is important, use a UV-resistant top coat.
- Adding Poly Colorant may reduce working time by 5 minutes.

SURFACE PREPARATION GUIDELINES

Contact 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 contaminants or particles that would hinder material's adhesion to substrate.
- **Profiled:** New concrete should be allowed to dry a minimum of 30 days. Mechanically prepare concrete to ICRI CSP 3. 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" from termination points. Joints and cracks may need to be expanded to 2x the width and 1x the depth.

MIXING GUIDELINES

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. For mixing station examples, review KRETUS® Mixing Station photo gallery available at kretus.com/project-planning.

Prepare Materials for Application

Organize and inspect products, equipment, and tools to minimize delays during installation.

Group together the components and tools needed for each application:

- Urethane Polymer Concrete Parts A, B, C, and Colorant
- Top Shelf® Epoxy Parts A, B, and Colorant
- Polyaspartic 92 Low Odor Parts A, B, and Poly Colorant
- Polyurethane HP Parts A, B, and Poly Colorant
- Anti-Slip

Examine the components for each application individually:

- **Anti-Slip:** Make sure material is dry and undamaged. Moisture will cause material to clump. Clumps should be sifted before combining with the other components.
- **Part A's:** Check to see that appearance is consistent throughout and that batch numbers are the same. If different batch numbers, box (or mix) batches to keep coating consistent throughout application.
- **Part B's:** Make sure there is no gelation or crystallization. If this occurs, contact your KRETUS® Technical Representative.
- **Part C's:** Make sure material is dry and undamaged. Moisture will cause material to clump. Clumps should be sifted before combining with the other components.
- **Colorant:** Check to see that color is correct and that batch numbers are the same. If different batch numbers, box (or mix) batches to keep coating consistent throughout application.

Pre-Mix Components

- Before combining any components, use a low-RPM, low-torque drill and a Jiffler double-bladed mixer to pre-mix each component separately until the texture, color, and consistency is uniform.
- Use a separate mixer for each product to avoid cross-contamination.
- DO NOT pre-mix dry materials.

Mixing Drill

- Urethane Polymer Concrete: high-RPM, high-torque drill and Jiffler double-bladed mixer
- For all other coatings: low-RPM, low-torque drill and Jiffler double-bladed mixer

Mixing Instructions

Mix carefully to avoid introducing bubbles into the mixture.

All mixing vessels must be clean. Pour entire contents of Part A into vessel first before adding other components. Change mixing buckets every 2-5 batches.

Use a paint stick to scrape sides and bottom of mixing vessel to ensure coating is thoroughly mixed. Buildup on bucket or transfer of buildup to a new batch affects the coating's overall appearance and may shorten a product's working time.

Make sure that material stays thoroughly mixed throughout application. Do NOT allow any material (sand, texture, etc.) to settle at the bottom of the mixing vessel.

Only combine products within the same product line. DO NOT mix one product's Part A with a different product's Part B or C. For example, only mix POLYASPARTIC 92 LOW ODOR Part B with POLYASPARTIC 92 LOW ODOR EZ, FAST, or XFC Part A.

URETHANE POLYMER CONCRETE

- If adding color, combine Colorant with Part A and mix until color is uniform. If not adding color, skip this step.
- Slowly add Part C and mix for 1 minute or until texture is uniform.
- Add Part B and mix for 30 seconds.
- **TOTAL MIX TIME:** 2 minutes.

TOP SHELF® EPOXY, POLYURETHANE, or POLYASPARTIC

- If adding color and/or texture: Combine additive(s) with Part A and mix until consistency and color are uniform. If not adding color and/or texture, skip this step.
- Pour entire contents of Part B into Part A and mix.
- **TOTAL MIX TIME:** 2 minutes.

Mixing Precautions

DO NOT mix more material than can be applied in the working time allotted.

DO NOT leave mixed material in mass. As soon as components are combined, the coating begins to cure and its temperature rises. If product is left in mass, the heat created may cause material to smoke or catch fire. Mixing large batches will create more heat and can shorten the product's working time.

DO NOT mix materials by hand.

DO NOT mix or install material in confined space without proper ventilation.

DO NOT allow dry material or texture to settle

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 $\geq 50^\circ\text{F}$ ($45 + 5$) before a coating can be applied.

APPLICATION GUIDELINES

- DO NOT apply under direct sunlight. DO NOT install if inclement weather is forecasted during time allotted for installation.
- After mixing, pour material in even rows along substrate. Spread material evenly using the appropriate tools to achieve the required thickness specified. Unless otherwise instructed, use a clean, non-shed 3/8" nap roller to back roll material so that application is uniform across the entire substrate.
- Keep a wet edge while applying products. Wear spiked shoes when walking on material.
- Do NOT let material puddle on floor—this will cause white spots to appear when coating cures.
- Coverage rates are for estimating purposes only. Factors such as waste, unusual/abnormal substrate conditions, and other unforeseen jobsite conditions may affect actual product yields and are the responsibility of the installer.

SOLVENT-BASED PRODUCTS (TOP SHELF® EPOXY, POLYURETHANE, URETHANE POLYMER CONCRETE)

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

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.

BROADCAST YOUR BRAND --- COLOR CHIP



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

- _____
- _____
- _____
- _____
- _____
- _____
- _____

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, pans
- 18" non-shed rollers—spike, loop, and 3/8" nap
- Midwest Rake® Easy Squeegee™ and blades: flat rigid, flat flexible, and WFT-mil (3-5, 5-7, 8-12, 15-20, and 25-30 thicknesses)
- 1/2" wide x 3/8" V-notched squeegee
- trowel
- gauge rake
- spiked shoes
- _____
- _____

KRETUS® PRODUCT CHECKLIST

- See KRETUS® System Action Guidelines
- Anti-Slip texture
- Poly Colorant
- Polyaspartic (2 component)
- Polyurethane HP (2 component)
- Top Shelf® Epoxy Colorant
- Top Shelf® Epoxy (2 component)
- Urethane Polymer Concrete Colorant
- Urethane Polymer Concrete (3 component)
- Urethane Polymer Concrete RC UV (4 component)
- Solvent Cleaner
- Power Cleaner

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



SYSTEM ACTION GUIDELINE

COLOR CHIP ^{TS}

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

NOTE: PRIME COAT: May be required if stem walls are highly absorbent, if outgassing is suspected/prevalent, or if concrete is very porous or in poor condition.

MVER: If MVER is ≥ 8 -10 lbs, select a system with higher moisture tolerance. If using TH or Commercial hardener, MVER must be < 3 lbs.

COVERAGE RATES: 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. Coverage rates are for estimating purposes only.

| | 1 PRIME COAT (SEE NOTE) | 2 BASE COAT | 3 BROADCAST | 4 SAND & SWEEP | 5 CAP COAT | 6 TOP COAT |
|-------------------------------|---|--|--|---|--|--------------------------------|
| PRODUCT | A (Top Shelf® Epoxy Part A) + B (Top Shelf® Epoxy Part B) + SC (Solvent Cleaner) | A (Top Shelf® Epoxy Part A) + B (Top Shelf® Epoxy Part B) | Vinyl Color Chips | Small areas: pole sander Large areas: floor maintainer | A (Polyaspartic Part A) + B (Polyaspartic Part B) | See System Options on page 14. |
| STANDARD KIT MIX RATIO | A:B:SC = 1 gal:1/2 gal:1 qt | A:B = 1 gal:1/2 gal | N/A | N/A | A:B = 1 gal:1 gal | |
| MIXING INSTRUCTIONS | Mix A for 1-2 min or until color is uniform. Add B and mix for 2 min. Add SC and mix for 1 min. | Mix A for 1-2 min or until color is uniform. Add B and mix for 2 min. | N/A | N/A | Mix A with B for 2 min. | |
| METHOD/ TOOLS | Apply material with flat rigid blade and non-shed 3/8" nap roller. | Work in 200-500 sf increments: 1. Apply coating with 8-12 WFT mil blade and non-shed 3/8" nap roller. 2. If using MVR-FC or FAST hardener, wait 5 min. If other hardener selected, wait 10-15 min. 3. Broadcast chips according to desired look. | | When coat is dry, sand any uneven surfaces. Vacuum and remove any loose material. | Apply material with flat flexible blade and non-shed 3/8" nap roller. | |
| RECOAT TIME | Fast- and slow-cure hardener options available. See Product Guide. | See Product Guide. | | When loose material is removed and surface is clean. | See Product Guide. | |
| COVERAGE RATE | 450-600 SF/KIT | 210-300 SF/KIT | 1/4" chip: 0.10-0.15 LB/SF 1/8" chip: 0.15-0.25 LB/SF | N/A | 1/4" chip: 300-350 SF/KIT 1/8" chip: 250-300 SF/KIT | |

SYSTEM ACTION GUIDELINE



COLOR CHIP ^{PA}

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

NOTE: PRIME COAT: If outgassing is suspected or prevalent or if concrete is in poor condition or very porous, a prime coat may be required.
MVER: If MVER is ≥ 3 lbs, select a system with higher moisture tolerance.
COVERAGE RATES: 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. Coverage rates are for estimating purposes only.

| | 1 PRIME COAT (SEE NOTE) | 2 BASE COAT | 3 BROADCAST | 4 SAND & SWEEP | 5 CAP COAT | 6 TOP COAT |
|-------------------------------|--|---|--|---|--|--------------------------------|
| PRODUCT | A (Polyaspartic Part A) + PC (Poly Colorant) + B (Polyaspartic Part B) + SC (Solvent Cleaner) | A (Polyaspartic Part A) + PC (Poly Colorant) + B (Polyaspartic Part B) | Vinyl Color Chips | Small areas: pole sander Large areas: floor maintainer | A (Polyaspartic Part A) + B (Polyaspartic Part B) | See System Options on page 14. |
| STANDARD KIT MIX RATIO | A:PC:B:SC = 1 gal:16 oz:1 gal:1 qt | A:PC:B = 1 gal:16 oz:1 gal | N/A | N/A | A:B = 1 gal:1 gal | |
| MIXING INSTRUCTIONS | Mix A with PC for 1 min or until color is uniform. Add B and mix for 1 min. Add SC and mix for 1 min. | Mix A with PC for 1 min or until color is uniform. Add B and mix for 1 min. | N/A | N/A | Mix A with B for 2 min. | |
| METHOD/ TOOLS | Apply material with flat rigid blade and non-shed 3/8" nap roller. | Work in 200-500 sf increments: 1. Apply coating with 8-12 WFT mil blade and non-shed 3/8" nap roller. 2. If using FAST or XFC hardener, wait 5 min. If using EZ, wait 10-15 min. 3. Broadcast chips according to desired look. | | When coat is dry, sand any uneven surfaces. Vacuum and remove any loose material. | Apply material with flat flexible blade and non-shed 3/8" nap roller. | |
| RECOAT TIME | Fast- and slow-cure hardeners available. See Product Guide. | See Product Guide. | | When loose material is removed and surface is clean. | See Product Guide. | |
| COVERAGE RATE | 600-800 SF/KIT | 260-400 SF/KIT | 1/4" chip: 0.10-0.15 LB/SF 1/8" chip: 0.15-0.25 LB/SF | N/A | 1/4" chip: 300-350 SF/KIT 1/8" chip: 250-300 SF/KIT | |

SYSTEM ACTION GUIDELINE

COLOR CHIP ^{RC}

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

NOTE: PRIME COAT: May be required if stem walls are highly absorbent, if outgassing is suspected/prevalent, or if concrete is very porous or in poor condition.

MVER: If MVER is ≥ 15 lbs, select a system with higher moisture tolerance.

COVERAGE RATES: 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. Coverage rates are for estimating purposes only.

KEY: UPC = Urethane Polymer Concrete

| | 1 PRIME COAT (SEE NOTE) | 2 BASE COAT | 3 BROADCAST | 4 SAND & SWEEP | 5 CAP COAT | 6 TOP COAT |
|---------------------------|---|---|--|---|--|--------------------------------------|
| PRODUCT | A (UPC RC/TT Part A) + UCC (UPC Colorant) + B (UPC RC/TT Part B) + C (UPC RC Part C) | A (UPC RC/TT Part A) + UCC (UPC Colorant) + B (UPC RC/TT Part B) + C (UPC RC Part C) | Vinyl Color Chips | Small areas: pole sander Large areas: floor maintainer | A (Polyaspartic Part A) + B (Polyaspartic Part B) | See System Options on page 14. |
| STANDARD KIT MIX RATIO | A:UCC:B:C = 6 lbs:4 oz:6 lbs:6 lbs | A:UCC:B:C = 6 lbs:4 oz:6 lbs:6 lbs | N/A | N/A | A:B = 1 gal:1 gal | |
| MIXING INSTRUCTIONS | Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min. | Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min. | N/A | N/A | Mix A with B for 2 min. | |
| METHOD/ TOOLS | Apply material with 5-7 WFT-mil blade and non-shed 3/8" nap roller. | Work in 200-500 sf increments: 1. Apply coating with WFT-mil blade and non-shed 3/8" nap roller. • 30-mil system: 8-12 WFT mil blade • 50-mil system: 15-20 WFT mil blade • 1/16" system: 25-30 WFT mil blade 2. If using FC hardener, wait 5 min. If using AP or EZ, wait 10-15 min. 3. Broadcast chips according to desired look. | | When coat is dry, sand any uneven surfaces. Vacuum and remove any loose material. | Apply material with flat flexible blade and non- shed 3/8" nap roller. | |
| RECOAT TIME | Fast- and slow-cure hardeners available. See Product Guide. | See Product Guide. | | When loose material is removed and surface is clean. | See Product Guide. | |
| COVERAGE RATE | 330-450 SF/KIT | 30-mil system: 190-280 SF/KIT 50-mil system: 120-150 SF/KIT 1/16" system: 80-90 SF/KIT | 1/4" chip: 0.15 LB/SF 1/8" chip: 0.15 LB/SF | N/A | 1/4" chip: 300-350 SF/KIT 1/8" chip: 250-300 SF/KIT | |



SYSTEM ACTION GUIDELINE

COLOR CHIP ^{RC UV}

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

NOTE: PRIME COAT: May be required if stem walls are highly absorbent, if outgassing is suspected/prevalent, or if concrete is very porous or in poor condition.

MVER: If MVER is ≥ 15 lbs, select a system with higher moisture tolerance.

COVERAGE RATES: 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. Coverage rates are for estimating purposes only.

KEY: UPC = Urethane Polymer Concrete

| | 1 PRIME COAT (SEE NOTE) | 2 BASE COAT | 3 BROADCAST | 4 SAND & SWEEP | 5 CAP COAT | 6 TOP COAT |
|-------------------------------|---|---|--|---|--|--------------------------------|
| PRODUCT | A (UPC RC/TT Part A) + UCC (UPC Colorant) + B (UPC RC UV AP Part B) + C (UPC RC Part C) + D (Poly Accelerant) | A (UPC RC/TT Part A) + UCC (UPC Colorant) + B (UPC RC UV AP Part B) + C (UPC RC Part C) + D (Poly Accelerant) | Vinyl Color Chips | Small areas: pole sander Large areas: floor maintainer | A (Polyaspartic Part A) + B (Polyaspartic Part B) | See System Options on page 14. |
| STANDARD KIT MIX RATIO | A:UCC:B:C:D = 6 lbs:4 oz:6 lbs:6 lbs:6 oz | A:UCC:B:C:D = 6 lbs:4 oz:6 lbs:6 lbs:6 oz | N/A | N/A | A:B = 1 gal:1 gal | |
| MIXING INSTRUCTIONS | Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min. Add D and mix for 30 sec. | Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min. Add D and mix for 30 sec. | N/A | N/A | Mix A with B for 2 min. | |
| METHOD/ TOOLS | Apply material with 5-7 WFT-mil blade and non-shed 3/8" nap roller. | Work in 200-500 sf increments: 1. Apply coating with WFT-mil blade and non-shed 3/8" nap roller. • 30-mil system: 8-12 WFT mil blade • 50-mil system: 15-20 WFT mil blade • 1/16" system: 25-30 WFT mil blade 2. If using FC hardener, wait 5 min. If using AP or EZ, wait 10-15 min. 3. Broadcast chips according to desired look. | | When coat is dry, sand any uneven surfaces. Vacuum and remove any loose material. | Apply material with flat flexible blade and non-shed 3/8" nap roller. | |
| RECOAT TIME | Fast- and slow-cure hardeners available. See Product Guide. | See Product Guide. | | When surface is clean and clear of loose material. | See Product Guide. | |
| COVERAGE RATE | 330-450 SF/KIT | 30-mil system: 190-280 SF/KIT 50-mil system: 120-150 SF/KIT 1/16" system: 80-90 SF/KIT | 1/4" chip: 0.15 LB/SF 1/8" chip: 0.15 LB/SF | N/A | 1/4" chip: 300-350 SF/KIT 1/8" chip: 250-300 SF/KIT | |

SYSTEM ACTION GUIDELINE



COLOR CHIP^{SL}

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

NOTE: PRIME COAT: May be required if stem walls are highly absorbent, if outgassing is suspected/prevalent, or if concrete is very porous or in poor condition.
MVER: If MVER is ≥15 lbs, select a system with higher moisture tolerance.
COVERAGE RATES: 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. Coverage rates are for estimating purposes only.
KEY: UPC = Urethane Polymer Concrete

| | 1 PRIME COAT (SEE NOTE) | 2 BASE COAT | 3 BROADCAST | 4 SAND & SWEEP | 5 CAP COAT | 6 TOP COAT |
|-------------------------------|---|---|--|---|--|--------------------------------|
| PRODUCT | A (UPC RC/TT Part A) + UCC (UPC Colorant) + B (UPC RC/TT Part B) + C (UPC RC Part C) | A (UPC SL/MF Part A) + UCC (UPC Colorant) + B (UPC SL/MF Part B) + C (UPC SL Part C) | Vinyl Color Chips | Small areas: pole sander Large areas: floor maintainer | A (Polyaspartic Part A) + B (Polyaspartic Part B) | See System Options on page 14. |
| STANDARD KIT MIX RATIO | A:UCC:B:C = 6 lbs:4 oz:6 lbs:6 lbs | A:UCC:B:C = 8 lbs:4 oz:8 lbs:25 lbs | N/A | N/A | A:B = 1 gal:1 gal | |
| MIXING INSTRUCTIONS | Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min. | Mix A with UCC for 15 sec. Add B and mix for 30 sec. Slowly add C and mix for 2 min. | N/A | N/A | Mix A with B for 2 min. | |
| METHOD/ TOOLS | Apply material with 5-7 WFT-mil blade and non-shed 3/8" nap roller. | Work in 200-500 sf increments: 1. Apply coating with 1/2" wide x 3/8" V-notched squeegee, trowel, or gauge rake, and loop or spiked roller. 2. If using FC hardener, wait 5 min. If using AP or EZ, wait 10-15 min. 3. Broadcast chips according to desired look. | | When coat is dry, sand any uneven surfaces. Vacuum and remove any loose material. | Apply material with flat flexible blade and non-shed 3/8" nap roller. | |
| RECOAT TIME | Fast- and slow-cure hardeners available. See Product Guide. | See Product Guide. | | When loose material is removed and surface is clean. | See Product Guide. | |
| COVERAGE RATE | 330-450 SF/KIT | 50-60 sf/kit | 1/4" chip: 0.15 LB/SF 1/8" chip: 0.15 LB/SF | N/A | 1/4" chip: 300-350 SF/KIT 1/8" chip: 250-300 SF/KIT | |

SYSTEM ACTION GUIDELINE



SYSTEM OPTIONS *TOP COAT*

NOTE: COVERAGE RATES: 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. Coverage rates are for estimating purposes only.
TOP COAT: If increased durability, chemical resistance, and slip protection is required, contact your KRETUS® Technical Representative for more top coat and Anti-Slip options.

| | TOP COAT OPTION 1 POLYASPARTIC | TOP COAT OPTION 2 POLYURETHANE HP |
|-------------------------------|--|--|
| PRODUCT | A (Polyaspartic Part A) + T (Anti-Slip Tex 50) + B (Polyaspartic Part B, EZ, FC, or XFC) | A (Polyurethane HP Gloss Part A) + T (Anti-Slip Tex 50) + B (Polyurethane HP Part B) + SC (Solvent Cleaner) |
| STANDARD KIT MIX RATIO | A:T:B = 1 gal:16 oz:1 gal | A:T:B:SC = 1 qt:16 oz:1 gal:1 qt |
| MIXING INSTRUCTIONS | Combine A and T. Mix until texture is uniform. Add B and mix for 1-2 minutes. | Combine A and T. Mix until texture is uniform. Add B and SC and mix for 1-2 minutes. |
| 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. | 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. |
| RECOAT TIME | See Product Guide. | See Product Guide. |
| COVERAGE RATE | 450-640 SF/KIT | 575-625 SF/KIT |



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