General Overview

PA (POLYASPARTIC)

THOUGHTFULLY DESIGNED COATINGS

ON-SITE APPLICATION TESTING

To ensure desired results are achieved, test the system in a small area on site before beginning any project.

SURFACE PREPARATION

Test and look for any unknown site conditions and/or defects. For testing requirements, review KRETUS® Pre- and Post-Job Checklists (kretus.com/project-planning).

Before installing any KRETUS® product, substrate must be

- Clean: Remove any and all contaminates.
- Profiled: Mechanically prepare surface to CSP 1-3 (adhere to International Concrete Repair Institute's current guide for Concrete Surface Profiles). Each project may require a different CSP.
- Sound: Treat all joints (terminations and transitions) and random cracks.

NOTE: Joints and cracks may need to be expanded to 2x the width and 1x the depth. Anchor joints may need to be added before termination points. Edges around drains and gutters may need a deeper slope.

MIXING GUIDE

Review mix ratios and application methods in the System Action Guideline located at the end of the appropriate Installation Guide.

Review Mixing Station Guide for general handling, storage, and preparation procedures. Careful measurements and thorough mixing are essential for a proper cure. Observe all mixing procedures and guidelines to ensure a controlled and thorough chemical transition to a high-strength solid.

- Mixing Drill: Use a low-RPM, low-torque drill and Jiffler-style double-bladed mixer. When mixing with SG Part C, use a high-RPM, high-torque drill and Jiffler-style double-bladed mixer.
- **NOTE: Mix Polyaspartic Parts A and B only if the products have the same two-number combination: 72 with 72, 85 with 85, and 92 with 92.**
- Pre-mix liquid components before combining them to ensure coating is uniform. Use a different mixing tool for each component to avoid cross-contamination.

Mixing Instructions

Combine all parts as directed and mix thoroughly. Keep the coating well-mixed during the application.

- General: Mix Part A with Part B for 2 minutes or until uniform.
- Adding Metallic Pigment: Add additive to Part A and mix for 2 minutes or until uniform. Allow color to set for 20 minutes to 24 hours before combining with Part B. Add Part B and mix for 2 minutes or until uniform.
- Adding Poly Colorant: Mix Part A with additive for 2 minutes or until uniform. Add Part B and mix for 2 minutes or until uniform.
- Adding accelerant, decelerate, Solvent Cleaner, SG, or Anti-Slip: Combine Part A and Part B and mix for 2 minutes or until uniform. Slowly add additive and continue to mix for 1 minute or until uniform.

SAFETY & CLEANUP

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

For technical and safety data on PA (Polyaspartic), go to kretus.com/polyaspartic.

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THOUGHTFULLY DESIGNED COATINGS

PA APPLICATIONS (ALPHABETICAL ORDER)

APPLICATION	PRODUCTS REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat, 8-12 mils	• Part A: any PA hardener • Part B: any PA resin NOTE: For all PA, mix parts A and B only if the products have the same two-number combination (e.g., 72 with 72).	A:B = 1 gal:1 gal	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal
Base Coat 1 (single or double broadcast), 8-12 mils, 1/4" color chip NOTE: In a single broadcast system, Base Coat 1 is called the "base coat." In a double broadcast system, it's the "first base coat."	• Part A: any PA • Part B: any PA	A:B = 1 gal:1 gal	Work in 200-500 SF increments: 1. Apply with 8-12 WFT-mil blade and 3/8" non-shed nap roller. 2. Broadcast media into wet coating according to desired look. (Yields 0.15 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	150 SF/gal
Base Coat 1 (single or double broadcast), 8-12 mils, 30-mesh sand	• Part A: any PA • Part B: any PA	A:B = 1 gal:1 gal	Work in 200-500 SF increments: 1. Apply with 8-12 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	150 SF/gal
Base Coat 1 (single or double broadcast), 8-12 mils, 40-S quartz	• Part A: any PA • Part B: any PA	A:B = 1 gal:1 gal	Work in 200-500 SF increments: 1. Apply with 8-12 WFT-mil blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.75 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	150 SF/gal
Base Coat 2 (double broadcast), over 1/4" color chip NOTE: Base Coat 2 is called the "second base coat" in a double broadcast system.	• Part A: any PA • Part B: any PA	A:B = 1 gal:1 gal	Work in 200-500 SF increments: 1. Apply with flat flexible (recommended) or flat rigid blade and 3/8" non-shed nap roller. 2. Broadcast media into wet coating according to desired look. (Yields 0.15 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	150 SF/gal

PA APPLICATIONS (CONTINUED)

APPLICATION	PRODUCTS REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Base Coat 2 (double broadcast), over 30-mesh sand NOTE: Do not install over color/pigmented broadcast.	• Part A: any PA • Part B: any PA • PC: Poly Colorant	A:B:PC = 1 gal:1 gal:See note NOTE: Check Poly Colorant Color Chart for colorant mix ratio.	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	90 SF/gal
Base Coat 2 (double broadcast), over 40-S quartz	• Part A: any PA • Part B: any PA	A:B = 1 gal:1 gal	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Into wet coating, broadcast media to refusal. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	90 SF/gal
Base Coat 2 (double broadcast over 30-mesh sand), Anti-Slip AO 24, 36, 60, or 80 NOTE: Do not install over color/pigmented broadcast.	• Part A: any PA • Part B: any PA • PC: Poly Colorant	A:B:PC = 1 gal:1 gal:See note NOTE: Check Poly Colorant Color Chart for colorant mix ratio.	Work in 200-500 SF increments: 1. Apply with flat rigid blade and 3/8" non-shed nap roller. 2. Broadcast media into wet coating according to desired look. (Yields 0.25 lb/SF.) 3. When coat is dry, sand any uneven surfaces. Sweep and vacuum loose media.	100 SF/gal
Cap Coat, over 1/4" color chip	• Part A: any PA • Part B: any PA	A:B = 1 gal:1 gal	• flat flexible (recommended) or flat rigid blade • 3/8" non-shed nap roller	150 SF/gal
Cap Coat, over 30-mesh sand NOTE: Do not install over color/pigmented broadcast.	• Part A: any PA • Part B: any PA • PC: Poly Colorant	A:B:PC = 1 gal:1 gal:See note NOTE: Check Poly Colorant Color Chart for colorant mix ratio.	• flat rigid blade • 3/8" non-shed nap roller	90 SF/gal
Cap Coat, over 40-S quartz	• Part A: any PA • Part B: any PA	A:B = 1 gal:1 gal	• flat rigid blade • 3/8" non-shed nap roller	90 SF/gal
Top Coat, 8-12 mils	• Part A: any PA • Part B: any PA	A:B = 1 gal:1 gal	• 8-12 WFT-mil blade • 3/8" non-shed nap roller	150 SF/gal

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PA APPLICATIONS (CONTINUED)

APPLICATION	PRODUCTS REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Top Coat with Anti-Slip Texture, 3-5 mils	• Part A: any PA • Part B: any PA • Part T: Anti-Slip	A:B:T = 1 gal:1 gal: See note Note: Check Anti-Slip Guide for Anti-Slip mix ratio.	• dip-and-roll method with 3/8" non-shed nap roller	400 SF/gal
Top Coat with Anti-Slip Texture, 5-7 mils	• Part A: any PA • Part B: any PA • Part T: Anti-Slip	A:B:T = 1 gal:1 gal: See note Note: Check Anti-Slip Guide for Anti-Slip mix ratio.	• 5-7 WFT-mil blade • 3/8" non-shed nap roller	300 SF/gal

PA 92 SG APPLICATIONS (ALPHABETICAL ORDER)

APPLICATION	PRODUCTS REQUIRED	SINGLE KIT MIX RATIO	METHOD/TOOLS	COVERAGE RATE*
Self-Leveler Base Coat, 40-50 mils	• Part A: any PA 92 • Part B: PA 92 B • Part C: SG (slurry grade)	A:B:C = 1 gal:1 gal:25 lbs	• 40-50 WFT-mil blade • 3/8" non-shed nap roller	165 SF/kit
Self-Leveler Base Coat, 50-60 mils	• Part A: any PA 92 • Part B: PA 92 B • Part C: SG	A:B:C = 1 gal:1 gal:25 lbs	• 50-60 WFT-mil blade • 3/8" non-shed nap roller	105 SF/kit
Self-Leveler Base Coat, 1/8"	• Part A: any PA 92 • Part B: PA 92 B • Part C: SG	A:B:C = 1 gal:1 gal:25 lbs	• size 2 CAM (1/8") and gauge rake or 1/2"-wide x 3/8"-deep V-notched squeegee • loop and spiked roller	60 SF/kit

BROADCASTS, AGGREGATES, & ADDITIVES (IN ALPHABETICAL ORDER)

PRODUCT	USE	COVERAGE RATE*	MIX RATIO
color chip, 1/4"	Broadcast into base coat to provide decorative finish.	0.15 lb/SF	Broadcast only—do not mix into coating.
color/pigmented quartz, 40-S	Broadcast into base coat to provide decorative finish and improve impact and skid resistance.	See rates in PA Applications table.	Broadcast only—do not mix into coating.
KRETUS® Anti-Slip	Increase impact and skid resistance.	Depends on application	Check Anti-Slip Guide for mix ratio (kretus.com/anti-slip).
KRETUS® Metallic pigment	Gives a 3-D reflective look.	Depends on application	Check Metallic Color Chart for mix ratio (kretus.com/color-charts).
KRETUS® Poly Accelerant	Speed working, recoat, and return-to-service times.	Depends on application	See Poly Accelerant Technical Data Sheet (kretus.com/poly-accelerant).

BROADCASTS, AGGREGATES, & ADDITIVES (CONTINUED)

PRODUCT	USE	COVERAGE RATE*	MIX RATIO
KRETUS® Poly Colorant	Pigments clear Polyaspartic.	Depends on application	Check Poly Colorant Color Chart for mix ratio (kretus.com/color-charts).
KRETUS® Solvent Cleaner	Reduces viscosity.	Depends on application	Up to 0.5 qt per gallon.
sand, 30-mesh	Broadcast into base coat to improve impact and skid resistance.	See rates in PA Applications table.	Broadcast only—do not mix into coating.

*Coverage rates are shown for single standard kits and 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.