



General Overview

POLYASPARTIC 72, 85 AND 92 LOW ODOR

DESCRIPTION

KRETUS® Polyaspartic is a two-component, UV-stable system with mix-and-match versatility. Each Polyaspartic high-solids hardener (72 B, 85 B, and 92 Low Odor B) offers two resin options to increase or decrease working and cure times. Beautiful, economical, and functional to meet installation demands.

SAFETY AND 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.

SURFACE PREPARATION

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

Before beginning installation, substrate must be

- **Clean:** Remove any and all contaminants.
- **Profiled:** Mechanically prepare concrete to CSP 2-3 (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 with manufacturer-approved products.

ON-SITE APPLICATION TESTING

To ensure desired results are achieved, KRETUS® highly recommends that the system first be tested in a small area on site.

MIXING GUIDE

Review mix ratios and application methods on KRETUS® System Action Guideline. Review KRETUS® 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 assure a controlled and thorough chemical transition to a high-strength solid.

Mixing drill: Use a low-RPM, low-torque drill and Jiffler double-bladed mixer.

Mixing note:

- Mix Parts A and B only if product numbers match (72 with 72; 85 with 85; and 92 with 92).

Mixing Instructions:

- Mix Part A and Part B for 1 minute.
- If adding fumed silica, Matting Additive, or Poly Colorant: Mix Part A and additive for 1–2 minutes. Add Part B and mix for 1 minute. Total mixing time = 2–3 minutes.
- If adding Metallic Pigment: Add additive to Part A and mix for 2-5 minutes. Allow color to set for 20 minutes to 24 hours before combining with Part B. Add Part B and mix for 1–2 minutes.
- If adding KRETUS® Solvent Cleaner, quartz, or Anti-Slip texture: Mix Part A and Part B for 1 minute. Add additive and mix for 1 minute. Total mixing time = 2 minutes.



POLYASPARTIC APPLICATIONS

NOTES:

- For best results, install primer before any Polyaspartic application.
- Top Coats enhance a system's chemical resistance and reduce potential for stain and discoloration.
- 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.

Prime Coat	Products	Mix Ratio	Coverage Rate	Method/Tools
Prime Coat	Part A: 72 EZ OR FAST Part B: 72 B Part SC: KRETUS® Solvent Cleaner	A:B:SC = 1 gal.: 1 gal.: 1 qt.	600-800 sf/kit	<ul style="list-style-type: none"> • flat flexible or flat rigid blade • 3/8" nap roller

Concrete Repair	Products	Mix Ratio	Coverage Rate	Method/Tools
Patch and Repair NOTE: Cold/freeze application only (40°F to -20°F).	Part A: 92 Low Odor EZ or FAST Part B: 92 Low Odor B Part Q: Quartz	A:B:Q = 1 gal.: 1 gal.: 33-46 lbs.	See KRETUS® Joint Filler and Volumes Chart	<ol style="list-style-type: none"> 1. Trowel into crack/joint. 2. Sprinkle quartz to saturation and smooth with trowel. 3. Allow to dry. Grind smooth.

Slurry/Mortar	Products	Mix Ratio	Coverage Rate	Method/Tools
1/8" Self-Leveler	Part A: 92 Low Odor EZ or FAST Part B: 92 Low Odor B Part C: KRETUS® Quartz SG	A:B:C = 1 gal.: 1 gal.: 35-40 lbs.	65-70 sf/kit	<ul style="list-style-type: none"> • gauge rake or 1/2" wide x 3/8" depth v-notched squeegee • loop and spiked roller

Broadcast	Products	Mix Ratio	Coverage Rate	Method/Tools
Base Coat with Broadcast	Part A: any 92 or 85 resins Part B: any 92 or 85 hardeners	A:B = 1 gal.:1 gal. Broadcast (do not mix): 1/4" chip 1/8" chip F-grade quartz XF-grade quartz	260-400 sf/kit 0.10-0.15 lb./sf 0.15-0.25 lb./sf 0.25-0.50 lb./sf 0.35-0.75 lb./sf	Work in 200-500 sf increments: <ol style="list-style-type: none"> 1. Apply with 8-12 WFT mil blade. 2. Wait 10-15 min. 3. Broadcast media according to desired look. 4. When coat is dry, sand any uneven surfaces. 5. Sweep and vacuum loose media.
Cap/Top Coat over Broadcast		A:B = 1 gal.:1 gal. Over Broadcast: 1/4" chip 1/8" chip F-grade quartz XF-grade quartz	300-400 sf/kit 250-350 sf/kit 150-200 sf/kit 200-300 sf/kit	<ul style="list-style-type: none"> • flat rigid or flat flexible blade • 3/8" nap roller
Top Coat over Cap Coat		A:B = 1 gal.:1 gal.	750-850 sf/kit	



Top Coats	Products	Mix Ratio	Coverage Rate	Method/Tools
Top Coat, no added texture	Part A: any resin Part B: any hardener	A:B = 1 gal.:1 gal.	260-400 sf/kit	<ul style="list-style-type: none"> • 8-12 WFT mil blade or flat flexible blade • 3/8" nap roller
Top Coat with T (Anti-Slip texture)	Part A: any resin Part B: any hardener Part T: AO 220 or AO 120 or Bead 100	A:B:T = 1 gal.:1 gal.:16 oz.	450-640 sf/kit	<ul style="list-style-type: none"> • 5-7 WFT mil blade • 3/8" nap roller OR <ul style="list-style-type: none"> • dip-and-roll method with 3/8" nap roller
	Part A: any resin Part B: any hardener Part T: AO 80 or AO 60 or Bead 50 or Tex 50 or Glass 70	A:B:T = 1 gal.:1 gal.:20-22 oz.		
	Part A: A-, LG-, or CR-Resin Part B: any hardener Part T: AO 36	A:B:T = 1 gal.:1 gal.:22-24 oz.		

Metallic	Products	Mix Ratio	Coverage Rate	Method/Tools
Metallic Prime Coat	Part A: 92 Low Odor EZ or FAST Part B: 92 Low Odor B Part MP: Metallic Pigment	A:B:MP = 1 gal.: 1 gal.: 5-8 oz.	400-600 sf/kit	<ul style="list-style-type: none"> • flat flexible blade • 3/8" nap roller
Metallic Coat NOTE: Apply no thicker than 14-16 mils.		A:B:MP = 1 gal.: 1 gal.: 8-12 oz.	160-200 sf/kit	<ul style="list-style-type: none"> • 15-20 WFT mil or flat flexible blade • 3/8" nap roller • effects must be done immediately after application: leaf blower or solvent spray

Specialty Coats	Products	Mix Ratio	Coverage Rate	Method/Tools
Vertical Coat (back roll)	Part A: 72 EZ Part B: 72 B Part FS: Fumed Silica	A:B:FS = 1 gal.:1 gal.:1.5 qt.	400-450 sf/kit	<ul style="list-style-type: none"> • dip-and-roll method with 3/8" nap roller
Vertical Coat (spray)	Part A: 72 EZ Part B: 72 B Part SC: KRETUS® Solvent Cleaner	A:B:SC = 1 gal.:1 gal.:1 gal.	660-800 sf/kit	<ul style="list-style-type: none"> • HVLP paint sprayer: 5-15 psi at air cap • conventional paint sprayer: 45-55 psi at gun • gun setup: 1.7 mm or equivalent



POLYASPARTIC ADDITIVES AND AGGREGATES

Unless noted, products can be used with any KRETUS® Polyaspartic.

Product	Use	Mix Ratio
Matting Additive	Gives a low-gloss finish.	2–4 lbs. per 2-gal. kit
Poly Accelerant	Cuts up to 1-hour off recoat time.	1oz. per 2-gal. kit
KRETUS® Solvent Cleaner	Lowers viscosity and extends spread rate.	See tables above.
Poly Colorant	Colors Polyaspartic. Decreases working time by 5 minutes. NOTE: If adding Poly Colorant and using FAST hardeners, mix in small batches or increase number of installers	16 oz. per 2-gal. kit See KRETUS® color charts.
Metallic Pigment	Gives Polyaspartic 3-D reflective look. NOTE: Use only with Polyaspartic 92 Low Odor EZ and 92 Low Odor B.	See tables above and KRETUS® color charts.
Anti-Slip texture	Improves slip and scratch resistance.	See tables above.
Quartz or Industrial Sand	Improves slip resistance, provides decorative finish.	See tables above and KRETUS® color charts.
Fumed Silica	Thickens Polyaspartic. NOTE: Use only with Polyaspartic 72 EZ and 72 B for back roll vertical coat.	See tables above.
Vinyl Color Chip	Improves slip resistance, provides decorative finish.	Broadcast only. See KRETUS® color charts.

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.