

Product Guide

POLYASPARTIC

KRETUS® Polyaspartics are two-component, UV-stable systems with mix-and-match versatility. Each high-solids Polyaspartic—72, 85, and 92 Low Odor—offers multiple hardener options to increase or decrease working and cure times. Beautiful, economical, and functional, KRETUS® Polyaspartics meet your installation demands.

SYSTEM APPLICATIONS

- patch & repair
- primer
- UV-resistant top coat
- cold/freezer storage, up to -20°F
- slurry, mortar, and decorative systems
- industrial, healthcare, commercial, government, institutional, and residential

ADVANTAGES

- **compliance:** meets USDA, FDA, EPA, SCAQMD, and VOC standards
- **adhesion:** adheres to multiple substrates (concrete, wood, metal, non-glazed tiles)
- **moisture vapor resistant:** reduces moisture vapor emissions
- **green building:** eligible for LEED points, locally produced from partially recycled materials
- **cold cure:** can be applied at or above 40°F
- **ez clean:** requires little effort to maintain (For detailed maintenance, see Maintenance and Cleaning Guide at kretus.com/project-planning)
- **anti-microbial:** protects against bacterial and fungal growth
- **chemical & stain resistant:** withstands exposure to harsh chemicals, food and drink, and cleaners (For test results Chemical Resistance Chart at kretus.com/project-planning)
- **flexibility:** has high elasticity
- **high-traffic tolerant:** stands up to vehicle traffic and continuous pedestrian traffic
- **impact resistant:** fortifies against damage from dropped tools
- **hot tire resistant:** curbs delamination caused by hot tires
- **waterproofing:** protects surfaces and underlying areas from water intrusion
- **low odor:** no offensive odor during application and cure

LIMITATIONS

- For best adhesion to concrete, install Polyaspartic prime coat.
- Do not apply single coat greater than 14 mils thick (114 sf per gallon).
- Adding Poly Colorant may reduce working time by 5 minutes. If using Poly Colorant with Fast hardener, mix in small batches or increase number of installers.

FINISH

- high gloss, clear
- texture based on application
- **Color & decorative options:** See Poly Colorant Color Chart at kretus.com/color-charts.
- **Increased slip resistance:** Find Anti-Slip samples at kretus.com/anti-slip.
- **Custom orders:** See KRETUS® Special Order form at kretus.com/project-planning.

PRODUCT DATA

For steps 1 and 2, pick products with the same number in the product name.

Example: If you choose 72 as the Part B, select either 72 EZ or 72 Fast as Part A.

1. Choose Part B based on the type of application needed.

PART B	APPLICATION	FINISH	MIX RATIO
72	<ul style="list-style-type: none"> 72% solids concrete primer 	high gloss	A:B = 1 gal: 1 gal
85	<ul style="list-style-type: none"> 85% solids base, body, cap, and top coats 	high gloss	A:B = 1 gal: 1 gal
92 LOW ODOR	<ul style="list-style-type: none"> 100% solids low odor base, body, cap, and top coats cold storage to -20°F crack & joint repair with quartz or Anti-Slip AO in cold application temperatures mortar/slurry 	high gloss	A:B = 1 gal: 1 gal

2. Choose Part A based on climate (temperature and humidity), deadline/schedule, and applicator's skill level.

PART A	DESCRIPTION/SKILL LEVEL	MVER (ASTM F1869) RH (ASTM F2170)	RECOMMENDED APPLICATION TEMPERATURE	WORKING TIME	RECOAT TIME	RETURN TO SERVICE	FULL CURE
72 EZ	<ul style="list-style-type: none"> Easy to apply, long working time. For beginner installers and at higher temperatures & humidity. 	3 lbs <80% RH	<100°F <80% RH	25-30 min	8-36 hrs	36 hrs	7 days
72 FAST	<ul style="list-style-type: none"> Fast cure. For expert installers and at low- to mid-temperatures & low humidity. 	3 lbs <80% RH	<90°F <70% RH	20-25 min	4-24 hrs	24 hrs	5 days
85 EZ	<ul style="list-style-type: none"> Easy to apply, long working time. For beginner installers and at higher temperatures & humidity. 	3 lbs <80% RH	<90°F <80% RH	15-25 min	8-36 hrs	36 hrs	7 days
85 FAST	<ul style="list-style-type: none"> Fast cure. For expert installers and at low- to mid-temperatures and low humidity. 	3 lbs <80% RH	<80°F <35% RH	15-20 min	4-24 hrs	24 hrs	5 days
85 XFC	<ul style="list-style-type: none"> Extra fast cure. For expert installers & at low- to freezing- temperatures & low humidity. 	3 lbs <80% RH	<70°F <35% RH	5-10 min	1-6 hrs	12 hrs	3 days
92 LOW ODOR EZ	<ul style="list-style-type: none"> Easy to apply, long working time. For beginner installers and at higher temperatures & humidity. 	3 lbs <80% RH	<80°F <55% RH	15-25 min	6-24 hrs	24 hrs	5 days
92 LOW ODOR FAST	<ul style="list-style-type: none"> Fast cure. For expert installers and at low- to mid-temperatures & low humidity. 	3 lbs <80% RH	<80°F <35% RH	15-20 min	3-24 hrs	24 hrs	3 days
92 LOW ODOR XFC	<ul style="list-style-type: none"> Extra fast cure. For expert installers & at low- to freezing- temperatures & low humidity. 	3 lbs <80% RH	<70°F <35% RH	5-10 min	1-6 hrs	12 hrs	3 days

All times recorded using 1 qt product at ambient temperature of 70°F and 50% humidity.

- higher temperature = faster working times
- lower temperature = slower working times
- higher humidity = faster working times
- lower humidity = slower working times

DISCLAIMER: The information contained in this document is intended for use by KRETUS® qualified and trained professionals. This is not a legally binding document and does not release the specifier from their 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, and KRETUS® 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.