POLYASPARTIC 92 LOW ODOR | EZ

Meet Installation Demands at Any Skill Level

POLYASPARTIC 92 LOW ODOR | EZ is a UV-resistant, 2-component, 100%-solids system. It can be applied in areas where temperatures are high. It's easy to install with a long working time, decreasing the chance of roller marks. At full cure, this system withstands extreme temperatures from (-)20 to 200°F.

ADVANTAGES

- Meets USDA, FDA, EPA, and SCAQMD Standards
- Eligible for LEED Points: Made in California from Partially Recycled Materials
- Adhesion to Concrete, Wood, Metal, Non-glazed Tiles
- Antibacterial
- Easy Installation
- Extreme Temperature Resistance, (-)20–200°F
- Low Maintenance
- Low Odor Polyaspartic
- Scratch Resistance
- UV Resistance
- Waterproofing

SUGGESTED USES AND APPLICATION AREAS

- Concrete Patching and Crack Repair
- Primer
- High UV-Resistant Top Coat
- Slurry, Mortar, and Decorative Systems
- Decorative Systems
- Vertical Surfaces
- Industrial, Healthcare, Commercial, Government, Institutional, and Residential

KRETUS® SYSTEMS

- Color Chip
- Color Quartz
- Color Splash
- ESD (Static Control)
- Industrial Quartz/Sand
- Top Shelf® Metallic
- UPC 1-Coat
- Waterproof Decking

For all KRETUS® systems, see kretus.com/systems.

FINISH AND COLOR

- Gloss Clear or Opaque when Pigmented: Find Color Charts at kretus.com/color-charts.

PRECAUTIONS AND LIMITATIONS

- Prime Coat: A prime coat may be required if stem walls are highly absorbent, if outgassing is suspected or prevalent, or if concrete is very porous or in poor condition. All concrete repairs must be completed before installing any system.
- DO NOT apply single coat greater than 14 mils thick (114 sf per gallon).
- DO NOT let material puddle on floor. This may cause white spots to appear when coating cures.
- Complete samples and onsite mockups to ensure desired results are achieved.
- Apply material when temperature is decreasing—adhere to the KRETUS® Dew Point Calculation Chart available at kretus.com/project-planning. DO NOT apply under direct sunlight. DO NOT install under inclement weather conditions.
- Application temperatures: Material cures faster as temperature and humidity increase. Material cures slower as they decrease.
- For best results, apply when application temperatures and relative humidity are high.
- If application temperatures are outside of those recommended, contact your KRETUS® Technical Representative.
- 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.

COMPONENTS

Standard Kit

- Part A: Polyaspartic 92 Low Odor EZ, 1 gal
- Part B: Polyaspartic 92 Low Odor B, 1 gal

Bulk Kit

- Part A: Polyaspartic 92 Low Odor EZ, 5 gal
- Part B: Polyaspartic 92 Low Odor B, 5 gal

Larger kits may be available through KRETUS® distributor.

SAFETY, TESTING, AND WARRANTY

- Safety: Personal protective equipment and safety conditions must be considered before using any product. Review all relevant and current documentation including Safety Data Sheets (kretus.com/safety-data-sheets).
- Testing: Before installation: Test and look for any unknown site conditions and/or defects. To ensure desired results are achieved, the system should be tested in a small area on site before full installation begins.
- Warranty: For warranty to be upheld, Pre- and Post-Job Checklists (kretus.com/project-planning) must be completed.

STORAGE AND APPLICATION TEMPERATURES

Ideal Storage Environment	Dry, Out of Direct Sunlight, 60-80°F
Material Temperature During Application	50-70°F and 5°F Above Dew Point
Minimum Substrate Temperature During Application	5°F Above Dew Point
Recommended Application Temperature	<80°F, <55% RH (Relative Humidity)

Average Application Time

Ambient Temperature	<80°F, 55% RH	50°F, 30% RH	50°F, 75% RH	70°F, 50% RH	90°F, 20% RH	90°F, 80% RH
Working Time	15-25 min	NR	NR	15-25 min	NR	10-15min
Recoat Window	6-24 hrs.	NR	NR	6-24 hrs.	NR	3-12 hrs.
Return to Service (Foot Traffic)	24 hrs.	NR	NR	24 hrs.	NR	12 hrs.
Full Cure (Vehicle Traffic)	5 days	NR	NR	5 days	NR	5 days

*NR=Not Recommended

SURFACE PREPARATION

Before installing any coating, the substrate must be sound, meaning all necessary concrete repairs have been completed. It must be clean, dry, and free of any contaminates, moisture, materials, or particles that may hinder material's adhesion to the substrate. If applying directly over concrete, the substrate must be mechanically profiled to ICRI CSP 3. Different projects may require a different concrete surface profile. Adhere to International Concrete Repair Institute current standards.

MIXING AND APPLICATION

Standard Kit Mix Ratio	2 gal:2 gal
Crack and Joint Repair with 16-, 20-, or 30-mesh Sand/Quartz	100-130 lbs. per standard kit
1/8" Self-Leveler with 20- or 30-mesh Sand/Quartz	30 lbs. per standard kit
Anti-Slip Bead 50/100 (50/50 Blend)	16 oz per standard kit
Anti-Slip AO 60/80 (50/50 Blend)	1 lb. per standard kit
Anti-Slip AO 36 (ADA-Compliant Ramps)	Broadcast 1-2 lbs. per 10 sf
Poly Colorant	16 oz per standard kit
Viscosity Reducer	1-2 qts. per standard kit
Fumed Silica	1 qt. per standard kit
Mixing Drill	low-RPM, low-torque drill with Jiffy double-bladed mixer
Mixing Drill When Combining With Large Aggregates	high-RPM, high-torque drill with Jiffy double-bladed mixer
Mixing Directions	Mix Part A until color and consistency are uniform. Add Part B and mix for 2 minutes or until color and consistency are uniform.
Mixing Directions With Colorant, Pigment, Fumed Silica, or Matting Additive	Mix Part A with additive until color and consistency are uniform. Add Part B and mix for 2 minutes or until color and consistency are uniform.
Mixing Directions With Viscosity Reducer, Aggregate, or Anti-Slip	Mix Part A and Part B for 1 minute or until color and consistency are uniform. Add additive and mix for 1 minute or until color and consistency are uniform.

Coverage Rates per Standard Kit

Prime Coat	600-800 sf/kit
Base/Top Coat, 8-12 mils	260-400 sf/kit
Cap Coat Over 1/4" Color Chip Broadcast	300-350 sf/kit
Cap Coat Over F-Grade Or 30-Mesh Quartz/Sand Broadcast	230-300 sf/kit
Top Coat, 3-5 mils	600-800 sf/kit
Top Coat With Anti-Slip Bead 50/100 (50/50 Blend)	450-640 sf/kit
Top Coat with Anti-Slip AO 60/80 (50/50 Blend)	450-640 sf/kit
Self-Leveler, 1/8"	65-70 sf/kit
Crack and Joint Repair, 1/4" wide by 1/4" deep	614 lf/kit
Crack and Joint Repair [PA92 only]	See Joint Filler Rates (kretus.com/joint-filler-rates).

Premeasure components to make sure you are using the correct mix ratio. Combine components according to mix instructions. Continue mixing until the coating's consistency is uniform. The coating must remain thoroughly mixed during the application.

Keep a wet edge while applying product. Wear spiked shoes when walking on material. For more applications and coverage rates, see KRETUS® General Overview (kretus.com/product-general-overviews).

PROPERTIES WHEN FULLY CURED

PROPERTIES	TEST METHOD	TYPICAL VALUES
Abrasion Resistance	ASTM D4060	15 mg loss
Adhesion Strength	ASTM D4541	400 psi, 100% Concrete failure
Adhesion Strength	ASTM D4541	n/a, vinyl failure
Adhesion Strength	ASTM D4541	n/a, natural quartz failure
Adhesion Strength	ASTM D4541	n/a, color quartz failure
Coefficient of Friction - Dry	ASTM D2047	0.7
Coefficient of Friction - Wet	ASTM D2047	0.6
Flame Spread/ Critical Flux	ASTM E648	Class 1
Flame Spread/ Rate of Burning	ASTM D635	Self-extinguishing
Flexibility/ Mandrel Bend	ASTM D522	Passes 1/8-in.
Gloss, 60°	ASTM D523	90
Hardness (König Hardness)	ASTM D4366	150
Impact Resistance	ASTM D2794	120 in-lbs..
Indoor Air Quality	CA 01350	Compliant
Microbial Resistance	ASTM G21	Passes, 0 growth
Tensile Elongation at Break	ASTM D2370	5%
Tensile Strength	ASTM D2370	6,000 psi
UV Resistance	ASTM D4587	High (Level 3)
Water Absorption	ASTM D570	<0.05
Yellowing Resistance	ASTM G154	< 3.0 ΔE, gray (color tested for visible changes)

CHEMICAL AND STAIN RESISTANCE

1 = Best for chemical resistance: Chemical has no adverse effects on fully cured coating; remove within 24 hours.
2 = Low potential for stain: Chemical has no adverse effects on fully cured coating if removed within 24 hours.
3 = High potential for stain or degradation: Chemical must be removed within 24 hours of exposure.
NR = Not recommended

Acetic Acid (Component of Vinegar), 10% 1
Acetic Acid, 30% 2
Acetone 1
Ammonia, 30% 1
Ammonium Hydroxide, 30% 1
Antifreeze (Coolant) 1
Benzene (Component of Crude Oil) 1
Benzyl Alcohol 1
Betadine, 11% 1
Boric Acid, 4% 1
Brake Fluid, DOT 3 1
Chromic Acid, 10% 1
Chromic Acid, 30% 1
Citric Acid, 30% 1
Ethanol, 95% 1
Ethyl Acetate, 99% (Food/Beverage Facility) 1
Formaldehyde, 37% 3
Premium Gasoline 1
Hydraulic Fluids
(Machinery, Automobile, Aviation) 2
Hydrochloric Acid, 10% 1
Hydrochloric Acid, 30% 3
Hydrofluoric Acid, 10% 1
Hydrofluoric Acid, 30% 3
Hydrogen Peroxide, 10% 1
Hydrogen Peroxide, 50% 1
Iodine, 2% 3
Isopropyl Alcohol 2
Jet Fuel 1
Lactic Acid, 30% (Dairy Facility) 3
Lime Juice 1
Magnesium Hydroxide 1
MEK (Methyl Ethyl Ketone) 1
Methanol 1
Methylene Chloride ..... NR
MIBK (Methyl Isobutyl Ketone) 1
Mineral Oil 1
Motor Oil, SAE 30 1
Mineral Spirits 1
Mustard, Yellow 1

Nitric Acid, 30%	NR
Oleic Acid	1
Oxalic Acid, 10%	1
Phosphoric Acid, 20%	2
Potassium Hydroxide, 30% (Alkaline Batteries, Soap Manufacturing)	1
Propylene Glycol	1
Silver Nitrate, 20% (Photo Labs)	3
Hydraulic Fluid (Aviation), Skydrol LD-4	2
Sodium Chloride, 20%	1
Sodium Hydroxide (Caustic Soda), 50%	1
Sodium Hypochlorite (Bleach), 10%	1
Sodium Hypochlorite (Bleach), 30%	2
Sodium Persulfate (Bleaching and Oxidizing Agent)	3
Sulfuric Acid, 37% (Battery Acid)	2
Tannic Acid, 20%	3
Tartaric Acid, 10%	1
Transmission Fluid	1
Urine, Dog or Cat	1
Urea (Nitrogen-Rich Fertilizer)	1
Vinegar, Distilled	1
Water (Hard Water from Well)	1
Whisky	1
Wine, Cabernet Sauvignon	1
Xylene	1

Pigments or colorants may affect working times, reduce chemical resistance, or increase potential for stain. Coatings tested at ambient temperature over 1-3 days' exposure to chemical. To ensure desired results are achieved, products should be tested on site before installation.