PRECAT EPOXY

K-Z7100 Series – Eggshell
K-Z7200 Series – Semi-Gloss

Acrylic PreCat Epoxy is an interior, single component, pre-catalyzed waterborne acrylic epoxy with the durability, adhesion and resistance to stains and cleaning solvents similar to two-component waterborne acrylic epoxies. Ideal for institutional and commercial high maintenance areas.

- ✓ Single component, pre-catalyzed
- ✓ Excellent adhesion
- ✓ Corrosion and chemical resistant
- ✓ Suitable for use in USDA inspected facilities
- ✓ Interior use

INDUSTRIAL USE ONLY!
AS OF 01/01/2016 COMPLIES WITH:

- ☑ OTC
- ☑ EC
- ☐ SCAQMD
- ☑ CARB
- ☑ LADCO
- **MPI SPEC#: 151, 153

krylonindustrial.com
1-800-247-3266

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RECOMMENDED USES

- Steel
- Iron
- Aluminum
- Galvanized Metal
- Concrete Block
- Masonry
- wood
- previously painted surfaces

RECOMMENDED SYSTEMS

Steel, Aluminum, Galvanized Metal

1 coat Krylon Industrial Iron Guard Primer

2 coats Krylon Industrial Acrylic PreCat Epoxy

Concrete, Masonry

1 coat Acrylic Block Filler

2 coats Krylon Industrial Acrylic PreCat Epoxy

Concrete Block

1 coat Block Filler

2 coats PreCat Epoxy

Wood

1 coat Primer

2 coats PreCat Epoxy

Previously Painted Surfaces

2 coats PreCat Epoxy

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion. **Do not use hydrocarbon solvents for cleaning.**

IRON AND STEEL
Minimum surface preparation is Hand Tool Clean SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Primer recommended for best performance.

ALUMINUM
Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1.

GALVANIZED METAL
Surface should be exterior weathered for 6 months prior to painting. Remove all oil and grease per SSPC-SP1. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2. Prime cleaned area the same day with Krylon Industrial Universal HP Acrylic Primer.

CONCRETE AND MASONRY
For surface preparation, refer to NACE 6/SSPC-SP13 or ICRI 03732, CSP 1-3. Surface should be thoroughly clean & dry. Surface temperatures must be at least 55°F before filling. If required for a smoother finish, use Krylon Industrial Acrylic Block Filler. Filler must be thoroughly dry before topcoating per label instructions. Weathered masonry & soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination & to get a hard, firm surface. Apply one coat Krylon Industrial Masonry Surface Conditioner, per label instructions.

Drywall: Wipe with a damp cloth to remove dust. Allow to dry. Fill cracks & holes with spackling compound and sand smooth. Joint compound must be cured and sanded smooth. Remove all sanding dust.

Plaster: All new surfaces must be hard and cured according to the supplier's recommendations—usually at least 30 days. Treat textured, soft, porous, or powdery plaster with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with water and allow to dry.

TECHNICAL DATA

Vehicle	Acrylic Epoxy
Finish	Eggshell (25-35 units @ 85°)
	Semi-Gloss (55-65 units @ 60°)
Flash Point	101°F, PMCC, mixed
Volume Solids	Eggshell: 37 ± 2
	Semi-Gloss: 36 ± 2
Weight Solids	Eggshell: 51 ± 2
	Semi-Gloss: 49 ± 2
Weight/Gallon	Eggshell: 10.6 lb/gal
	Semi-Gloss: 10.3 lb/gal
VOC (less exempt solvents)	
Eggshell	143 g/L – 1.19 lb/gal as per 40 CFR 59.406
Semi-Gloss	145 g/L – 1.21 lb/gal as per 40 CFR 59.406
Rec. Film Thickness	4.0 mils wet
	1.5 mils dry
Spread Rate	350-400 sq. ft. per gallon
Application	Apply by airless spray, brush or roller
Drying Time	@ 77°F, 50% R.H.
	Temperature and humidity dependant
To Touch	1 hour
To Handle	8 hours
To Cure	5-7 days

* If this product dries 72 hours or longer it must be sanded before being recoated.

Reduction	Not recommended
Cleanup	Soap and water
Tinting	BAC®, Charisma™, GeoShades™ B3, Pratt & Lambert®
Sizes	1 Gallon, 5 Gallon

APPLICATION

Temperature	(air, surface and material)
	50°F minimum 120°F maximum at least 5°F above dew point
Relative Humidity	85% maximum
Reducer	Do not reduce
Relative Humidity	85% max
Reducer/Cleanup	Soap & Water
Airless Spray	
Pressure	1800 – 2700 psi
Tip	.015" - .021"
Reduction	Not Recommended

APPLICATION *CONTINUED*

Brush	
Brush	Nylon/polyester
Reduction	Not recommended
Roller	
Cover	1/4" – 1/2" woven
Reduction	Not recommended

PHYSICAL TEST DATA

System Tested	
Substrate	Steel
Surface Preparation	SSPC-SP6
Primer	1 coat Universal Iron Guard Primer
Finish	1 coat Universal Iron Guard Primer
Adhesion	
Method	ASTM D3359
Result	5B

Note: 100% adhesion for light colors; darker colors require longer cure time for same level of adhesion

Block Resistance	
Method	Lab Assessment
Result	Excellent
Chemical Resistance	
Method	ASTM D1308
Result	Excellent resistance to Distilled Water (hot and room temperature), Ethyl Alcohol, Vinegar (3% acetic acid), Alkali (10% sodium hydroxide), Acid (10% sulfuric acid), Soap (10% Fantastik®), 50/50 Xylene/Mineral Spirits
Pencil Hardness	
Method	ASTM D3363
Result	2B
Scrub Resistance	
Method	ASTM D2486
Result	500-600 cycles
Stain Resistance	
Method	ASTM D3023
Result	Excellent resistance to mustard, grape juice, lipstick, coffee, alkali (10% sodium hydroxide) and acetic acid. Limited resistance to red crayon and permanent ink.

CLEAN-UP

Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.

CAUTION

Not for use on surfaces continuously wet or under water, such as bath tubs, sinks, showers, or countertops