Primer

E.140

Product Data Sheet

Keeler & Long/PPG
856 Echo Lake Road
Watertown, CT 06795
1-800-238-8596

PPG High Performance Coatings

Kolor-Poxy™ Primer
KL3200 Series

Product Information

Product Code: KL3200 White Part A
KL32004279 Red Oxide Part A
KL3200B Curing Agent Part B

Product Type: Polyamide-Epoxy

Suggested Use: Use where a high build primer/topcoat is required that provides abrasion, impact and chemical resistance when applied to steel and concrete surfaces exposed to a wide range of conditions. May be used in Nuclear Coating Service areas Level II, balance of plant, and certain Level III areas.

Not Recommended: Immersion in strong solvents.

Compatible Topcoats: Acrythane™ Enamels. Hydro-Poxy™ Enamels, Kolorane™ Enamels, Kolor-Poxy™ Hi-Build Enamels, Kolor-Poxy™ Primers and Enamels, Kolor-Sil™ Enamels, Poly-Silicone Enamels

Product Description

Color: White and light colors, Red Oxide

Gloss 60°: Flat

VOC: 2.50 lbs./gal. (302 g/L) *

Method: Calculated (mixed)

Weight/Gallon: 13.6 +/- 0.5 lbs./gal. (mixed) *

In Service Heat Limitations: 250°F (121°C) maximum, dry heat.
150°F (66°C) maximum, immersion.

Flash Point: KL3200 Part A 78°F (26°C)
KL3200B Part B 123°F (51°C)

Package: KL3200 Part A is available in short filled gallon and five gallon containers.
KL3200B Part B is available in short filled quart and full filled gallon containers.

Percent Solids by Volume: 66.2% +/- 3.0% (mixed) *

Percent Solids by Weight: 81.5% +/- 3.0% (mixed) *

Application Data

Substrate: Ferrous metal or masonry

Substrate Preparation: The service life of the coating is directly related to the surface preparation. The surface to be coated must be properly prepared, dry, clean and free of contamination.

Minimum surface preparation is SSPC-SP6 (NACE #3) Commercial Blast Cleaning for ferrous substrates.

Brush blasting or acid etching is required for masonry.

Stabilizers on the surface of hot dipped galvanized steel must be removed by either brush blasting, sanding or chemical treatment.

Near White Metal Blast Cleaning per SSPC-SP10 (NACE #2) is minimum surface preparation for immersion service.

Basecoat: Self priming when used on recommended substrates.

Application Method: Apply by spray, brush or roller application.

Air Spray: DeVilbiss MBC gun, 704 or 777 air cap with "E" tip and needle or equivalent equipment. Atomizing pressure 30-60 psi.

Airless Spray: Equipment capable of maintaining a minimum of 2500 psi at the tip without surge. 0.015" (0.38 mm) to 0.019" (0.48 mm) orifice.

Brush: Use a high quality natural bristle brush.

Roller: Use a 3/8" nap polyester-nylon roller cover with a solvent resistant core.

Refer to Application Guide AGP-3 for additional information.

Parts Base by Volume: 4 parts KL3200 Part A 4 to 1

Parts Catalyst by Volume: 1 part KL3200B Part B

Thinner Code & Percent: Thin up to 5% by volume with KL3700 as needed for application.

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Application Data (continued)

Digestion Time:	45 minutes
Pot Life:	8 hours at 77°F (25°C).
Wet Film Per Coat:	3.8 to 9.1 mils *
Dry Film Per Coat:	2.5 to 6.0 mils
Coverage Sq. Ft./Gal. @ 1 mil:	1062 sq/ ft./gal *
Mixing Instructions:	Under mechanical agitation, mix Part A thoroughly. Add KL3200B Part B and mix until uniform. Allow to digest for 45 minutes before use.
Clean Up Solvent:	KL3700

Drying Schedule

Drying Schedule:	Per ASTM D5895, air dry @ 77°F (25°C) and 50% relative humidity
Dry to Touch:	2.5 hours
Dry Through:	6 hours
Dry to Recoat:	24 hours
Immersion Service:	10 days

Drying time may vary depending on temperature, humidity and air movement.

Additional Information

Apply only when air, product and surface temperatures are above 50°F (10°C) and surface temperature is at least 5°F (3°C) above the dew point. Curing is retarded below 60°F (15.5°C) without the addition of accelerator.

Permissible substrate temperature during application is 50°F (10°C) to 120°F (49°C).

Store materials at temperatures between 50°F (10°C) and 95°F (35°C).

Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available by calling 1-800-238-8596.

*Values are calculated for KL3200 White mixed with KL3200B. Values will vary with color.

Spray equipment must be handled with due care and in accordance with manufacturer's recommendation.

High-pressure injection of coatings into the skin by airless equipment may cause serious injury, requiring immediate medical attention at a hospital.

Not intended for residential use.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC, EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www. epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be release during surface preparation.

Safety BLUE

Product Data Sheet

Keeler & Long/PPG
856 Echo Lake Road
Watertown, CT
1-800-238-8596

PPG High Performance Coatings

Kolor-Poxy™ Enamel
KLJ Series

Product Information

Product Code: KLJ1XXXX Part A
KLJ2XXXX Part A
Where XXXX is a color designation.
KLJ1B Curing Agent Part B

Product: Polyamide Epoxy

Suggested Use: A two component, polyamide epoxy enamel formulated to provide excellent chemical abrasion and direct impact resistance for interior exposures.

Use as a topcoat for interior steel, concrete and masonry surfaces, especially in alkaline environments.

Not Recommended: Exterior exposures; areas subject to splash and spillage of strong acids; immersion in strong acids.

Product Description

Color: A full range of colors is available

Gloss 60°: KLJ1XXXX 85 minimum
KLJ2XXXX 35 – 65

VOC: 3.47 lbs./gal. (416 g/L) mixed, unthinned

Method: Calculated

In Service Heat Limitations: 250° F (121° C) dry heat

Weight/Gallon: 10.2 ± 0.5 lbs./gal. *

Flash Point: Part A 82°F (27.7°C)
Part B 104°F (40°C)

Package: Part A is available in one gallon containers filled at 0.80 gallons (3.03 liters) and five gallon containers filled at 4.00 gallons (15.1 liters).
KLJ1B Part B is available in quart containers filled at 25.6 fluid ounces (757 mL) and full filled gallon containers.

Percent Solids by Volume: 53.9 ± 3.0% *

Percent Solids by Weight: 66.1 ± 3.0% *

Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5895

Dry to Touch: 4 hours

Dry to Handle: 8 hours

Drying Schedule (continued)

Dry to Recoat: 24 hours

Drying times listed may vary depending on temperature, humidity and air movement.

Application Data

Substrate: Metal or masonry

Substrate Preparation: The service life of the coating is directly related to the surface preparation. The surface to be coated must be dimensionally stable, properly prepared and primed, dry, clean and free of all contamination including oil, dirt, grease and rust.

Basecoats: Kolorane™ Aluminum Primer, Kolorane™ Zinc Rich Primer, Kolor-Poxy™ Primers and Enamels, Kolor-Poxy™ Surfacer

Application Method: Apply by spray, brush or roller application.

Air Spray: DeVilbiss MBC gun, 704 or 777 air cap with"E" or "F" tip and needle or equivalent equipment. Atomization Pressure: 30 – 60 psi.

Airless Spray: Equipment capable of maintaining a minimum of 2500 psi at the tip without surge. 0.011" (0.279 mm) to 0.017" (0.432 mm) orifice.

Brush: Use a high quality natural bristle brush.

Roller: Use a 3/8" nap polyester nylon roller cover with a solvent resistant core.

Refer to Application Guide APG-3 for additional information.

Parts Base by Volume: ~~4 parts "A"~~ 1 To 1 ratio

Parts Catalyst by Volume: ~~1 part KLJ1B Part B~~ Safety BLUE

Digestion Time: 1 hour @ 77°F (25°C)

Pot Life @ 72°F: 8 hours @ 77°F (25°C)

Thinner Code & Percent: Thin up to 5% by volume with KL3700 as needed for application.

Coverage Sq. Ft/Gal. @ 2.5 mils: 346 sq. ft./gal. *

Wet Film Per Coat: 4.6 to 7.4 mils*

Dry Film Per Coat: 2.5 to 4.0 mils

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PPG High Performance Coatings

Kolor-Poxy™ Enamel
KLJ Series

Application Data (continued)

Mixing Instructions: Thoroughly mix Part A before blending. Add KLJ1B Part B to Part A. Mix until uniform. Allow to digest 1 hour before use.

Clean Up Solvent: KL3700

Additional Information

Apply only when air, product and surface temperatures are at least 50°F (10°C) and the surface temperature is at least 5°F (3°C) above the dew point. Curing is retarded below 60°F (15.6°C).

Store materials at temperatures between 50°F (10°C) and 95°F (35°C).

Permissible substrate temperature during application is 50°F (10°C) and 120°F (48.9°C).

*Values are calculated using KLJ16002 White, Part A mixed 4:1 by volume with KLJ1B, Curing Agent, Part B. Values will vary with color.

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Spray equipment must be handled with due care and in accordance with manufacturer's recommendation.

High-pressure injection of coatings into the skin by airless equipment may cause serious injury, requiring immediate medical attention at a hospital.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.