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"

Parts Catalyst by Volume: 1 part KLJ1B Part B

Digestion Time: 1 hour @ 77ºF (25ºC)

Pot Life @ 72ºF: 8 hours @ 77ºF (25ºC)

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

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

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 60ºF (15.6ºC).

Store materials at temperatures between 50ºF (10ºC) and 95ºF (35ºC).

Permissible substrate temperature during application is 50ºF (10ºC) and 120ºF (48.9ºC).

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

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

Not intended for residential use.

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.

