

Product Data Sheet



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



PPG High Performance Coatings

Epoxy Resurfacer KL4000/KL4000B

Product Information

Product Codes: KL4000 Part A
KL4000B Curing Agent Part B

Product: Polyamine Epoxy

Suggested Use: A two-component, high solids, polyamine epoxy surfacer formulated to produce a chemical resistant coating system on poured concrete surfaces when used in conjunction with compatible topcoats. Can be used to fill holes in poured concrete walls up to 1/4" in diameter and to smooth out the porosity in concrete surfaces subject to radiation, decontamination and loss-of-coolant accidents in Coating Service Level I Areas of nuclear power plants.

Not Recommended: Areas other than the above, as KL3400/KL3400B can be utilized in Coating Service Level II Areas, certain Level III Areas, as well as Balance of Plant of nuclear power plants.

Product Description

Color: White

Gloss 60°: Flat

VOC: 0.6 lbs/gal. (72 g/L) mixed

Method: Calculated

Weight/Gallon: 14.1 ± 0.5 lbs./gal. (mixed)

In Service Heat Limitations: 250°F (121.1°C) maximum, dry heat *

Flash Point: KL4000 124°F (51.1°C)
KL4000B Over 200°F (>93.3°C)

Package: KL4000 is available in short filled two gallon and five gallon containers.
KL4000B is available in short quart and one gallon containers.

Percent Solids by Volume: 95 ± 3.0% (mixed)

Percent Solids by Weight: 95 ± 3.0% (mixed)

Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5895
Dry to Touch: 8 hours

Drying Schedule (continued)

Dry to Recoat: 16 hours
48 hours
Drying times listed may vary depending on temperature, humidity and air movement.

Application Data

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.

Compatible Topcoats: Epoxy Hi-Build Enamels, Epoxy Self-Priming Surfacing Enamel

Application Method: Apply by airless spray, broad knife or squeegee.

Airless Spray: Equipment capable of maintaining a minimum of 2500 psi at the tip without surge. 0.041" (1.041 mm) to 0.055" (1.397 mm) orifice.

Refer to Application Guide APG-2 for additional information.

Parts Base by Volume: 3.9 parts KL4000

Parts Catalyst by Volume: 1 part KL4000B

Thinner Code & Percent: Thin up to 25% with KL4093 as needed for application.

Digestion Time: None

Pot Life: 2 hours @ 77°F (25°C)

Coverage Sq. Ft./Gal. @ 15 mils: 100 sq. ft./gal.

Mixing Instructions: Under mechanical agitation, add KL4000B Part B to KL4000 Part A. Mix until uniform.

Wet Film Per Coat: Flush – 53 mils

Dry Film Per Coat: Flush - 50 mils

Clean Up Solvent: KL4093

The statement and methods presented in this bulletin are based upon the best available data and practices known to PPG/Keeler & Long at the present time. They are not representations or warranties of performance, results or comprehensiveness of such data. Since PPG/Keeler & Long is constantly improving its coatings and paint formulas, future technical data may vary somewhat from what was available when this bulletin was printed. Contact your PPG/Keeler & Long Sales Representative for the most up-to-date information.

Product Data Sheet

PPG High Performance Coatings

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

Epoxy Resurfacer
KL4000/KL4000B

Additional Information

Apply only when air, product and surface temperatures are at least 55°F (12.8°C) and surface temperature is at least 5°F (3°C) above the dew point.

Store materials at temperatures between 55°F (12.8°C) and 85°F (29.4°C).

Permissible substrate temperature during application is 55°F (12.8°C) to 100°F (37.8°C).

*KL4000/KL4000B Coating System was evaluated and passed the 7-Day 340°F Design Basis Accident Test per ANSI N101.2 and ASTM D3911.

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.

The statement and methods presented in this bulletin are based upon the best available data and practices known to PPG/Keeler & Long at the present time. They are not representations or warranties of performance, results or comprehensiveness of such data. Since PPG/Keeler & Long is constantly improving its coatings and paint formulas, future technical data may vary somewhat from what was available when this bulletin was printed. Contact your PPG/Keeler & Long Sales Representative for the most up-to-date information.