



PPG High Performance Coatings

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

# Product Data Sheet

## Kolor-Poxy™ Penetrating Sealer KLC2129/KLC2129B

### Product Information

**Product Code:** KLC2129 Part A  
KLC2129B Curing Agent Part B

**Product:** Epoxy-Amine

**Suggested Use:** For use on exterior or interior marginally prepared surfaces where abrasive blasting is not practical. A penetrating sealer which enhances and reinforces a rusty steel substrate to maximize the adhesion of the primary coating system. Also may be used on concrete as a sealer.

**Not Recommended:** Exterior surfaces left untopcoated. Immersion service.

### Product Description

**Color:** Clear

**Gloss 60°:** Glossy

**VOC:** 0 lbs./gal. (0 g/L) mixed

**Method:** Calculated

**Weight/Gallon:** 8.7 ± 0.3 lbs./gal. (mixed)

**In Service Heat Limitations:** 200°F (93°C) maximum, dry heat

**Flash Point:** Part A 200°F (93°C)  
Part B 212°F (100°C)

**Package:** KLC2129 is filled in five gallon containers at 3.75 gallons (14.2 liters) or one gallon containers at 0.75 gallon (2.84 liters).  
KLC2129B is filled in two gallon containers at 1.25 gallons (4.73 liters) or quart containers at 0.25 gallon (0.946 liters).

**Percent Solids by Volume:** 100.0 ± 3.0% (mixed)

**Percent Solids by Weight:** 100.0 ± 3.0% (mixed)

### Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5895

Dry to Touch: 19 hours

Dry to Handle: 22 hours

### Drying Schedule (continued)

**Dry to Recoat:** 1 week maximum.  
Drying times listed may vary depending on temperature, humidity and air movement.

### Application Data

**Substrate:** Steel or concrete

**Substrate Preparation:** The service life of the coating is directly related to the surface preparation. The surface to be coated must be dimensionally stable, dry, clean and free of contamination. Remove all loose paint, loose mill scale and loose rust. Old coatings should be tested for adhesion of the existing system and lifting by sealer and topcoat.

Steel Non-Immersion: SSPC-SP2/3  
Hand/Power Tool Cleaning minimum.

Concrete or Masonry: Allow to cure for thirty (30) days under normal drying conditions. Remove all contamination. Concrete treated with curing compounds or hardeners should be thoroughly abraded.

**Topcoats:** Hydro-Poxy™ Primer and Enamels, Kolor-Poxy™ Primer and Enamels, KeeLock™ Hi-Solids Epoxy, Kolormastic™ Coatings, Kolorane™ Primers, and Anodic Self-Priming Paints

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

Airless Spray: Equipment capable of maintaining a minimum of 1500 psi at the tip without surge. 0.013" (0.330 mm) to 0.015" (0.381 mm) orifice.

Brush: Use a high quality natural bristle brush.

Refer to Application Guide APG-3 for additional information.

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*Kolor-Poxy™*  
**Penetrating Sealer**  
**KLC2129/KLC2129B**

**Application Data (continued)***Parts Base**by Volume:* 3 parts KLC2129*Parts Catalyst**by Volume:* 1 part KLC2129B*Thinner Code &**Percent:* Thinning is not required or recommended.*Digestion Time:* None required*Pot Life:* 4 hours at 77F (25°C)*Coverage Sq. Ft./Gal.**@ 1 mil:* 1604 sq. ft./gal.*Mixing**Instructions:* Mechanically agitate KLC2129 Part A thoroughly. Add KLC2129B Part B to KLC2129 Part A. Mix thoroughly until uniform.*Wet Film Per Coat:* 1.0 to 1.5 mils*Dry Film Per Coat:* 1.0 to 1.5 mils*Clean Up Solvent:* KL3700**Additional Information**

Apply only when air, product and surface temperatures are between 50°F (10°C) and surface temperature is at least 5°F (3°C) above the dew point. Curing is retarded at temperatures below 60°F (15°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) to 120°F (48.9°C) for spray and 50°F (10°C) to 95°F (35°C) for brush.

Not intended for residential use.

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

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](http://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.