

KLC2129/KLC2129B

Kolor-Poxy Penetrating Sealer

DESCRIPTION

Two-Component, Epoxy-Amine penetrating sealer

PRINCIPAL CHARACTERISTICS

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

Note: Not Recommended: Exterior exposures, if left untopcoated. Immersion service.

COLOR AND GLOSS LEVEL

- Clear and Glossy

BASIC DATA AT 77°F (25°C)

Data for mixed product	
Number of components	Two
Volume solids	100 ± 3%
VOC (Supplied)	max. 0.0 lb/US gal (approx. 0 g/l)
Temperature resistance	To 200°F 93°C)
Recommended dry film thickness	1.0 - 1.5 mils (25 - 38 µm) per coat
Theoretical spreading rate	1604 ft ² /US gal for 1.0 mils (39.4 m ² /l for 25 µm)
Dry to touch	19 hours
Dry to overcoat	Minimum 24 hours
Dry to handle	22 hours
Curing time	24 hours
Shelf life	At least 24 months when stored cool and dry

Notes:

- Drying times listed may vary depending on temperature, humidity and air movement
- Temperature resistance value is Maximum for Dry Heat.

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RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Steel or Concrete.
- The surface to be coated must be properly prepared, dry, clean and free of contamination.
- Remove all loose paint, rust scale and rust.
- 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.

Warning

Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE 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 and approved (e.g., NIOSH approved) respirator and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD or the regional Health Canada office

SYSTEM SPECIFICATION

- Recommended 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

- Apply by air, airless spray or brush.
- Mix the two components, Part A (Paint) and Part B (converter), in the proportions furnished by volume by stirring independently and then together. DO NOT SUB-DIVIDE KITS.
- Power mixing is acceptable but it should be noted that such equipment induces heat which in turn could shorten the pot life significantly

Material temperature

Material temperature during application should be between 50°F (10°C) and 85°F (29°C)

Notes:

- It is recommended that KL2129 not be catalyzed or mixed when the temperature of the coating material exceeds 85 degrees F since the pot life will be reduced to an inconveniently short duration.
- The reaction process of KL2129 is rapid and therefore it is essential to clean equipment at least every two hours.

Air spray

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

Recommended thinner

No thinner should be added

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Airless spray

- Use equipment capable of maintaining a minimum of 1500 psi at the tip without surge. 0.013" (0.330mm) - 0.015" (0.381mm) orifice.

Recommended thinner

No thinner should be added

Brush/roller

- Use a high quality natural bristle brush

Cleaning solvent

Thinner 91-37 (KL3700)

ADDITIONAL DATA

Overcoating interval for DFT up to 1.5 mils (38 µm)					
Overcoating with...	Interval	32°F (0°C)	50°F (10°C)	70°F (21°C)	90°F (32°C)
recommended topcoats	Minimum	Not recommended	24 hours	20 hours	12 hours
	Maximum	Not recommended	less than 7 days	less than 7 days	less than 7 days

Note: Dry to recoat is 1 week maximum

Pot life (at application viscosity)	
Mixed product temperature	Pot life
64°F (18°C)	75 minutes
79°F (26°C)	60 minutes
85°F (29°C)	30 minutes

SAFETY PRECAUTIONS

- See Safety Data Sheet and product label for complete safety and precaution requirements
- 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

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WARRANTY

PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

AVAILABILITY

Packaging

1-gallon kit

Product codes	Description
KLC2129/01	Clear Base for 1 gallon kit
KLC2129B/04	Hardener for 1 gallon kit

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