

Product Data Sheet



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

 PPG High Performance Coatings

Kolorane™ Penetrating Sealer KL9129

Product Information

Product Code: KL9129
Product: Aromatic Moisture Cured Urethane
Suggested Use: A single component, urethane sealer formulated for application to penetrate, reinforce and seal rusty steel and previously painted surfaces. Also may be used as a sealer for bare concrete. For on exterior or interior marginally prepared surfaces where abrasive blasting is not practical. A penetrating sealer which enhances and reinforces a rusty steel substrate or existing coating system and in turn maximizes the adhesion of the primary coating system.

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

Product Description

Color: Clear Amber
Gloss 60°: N/A
VOC: 2.76 lbs./gal. (331 g/L)
Method: Calculated (mixed)
Weight/Gallon: 8.6 ± 0.5 lbs./gal.
Flash Point: 89° F (31.6° C)
Package: Available in full filled one and five gallon containers.

Percent Solids by Volume: 61.9 ± 3.0%
Percent Solids by Weight: 67.8 ± 3.0%

Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5869

Dry to Touch: 4 hours
Dry to Handle: 6 hours
Dry to Recoat: 8 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 properly prepared, dry, clean and free of contamination. Remove oil, grease, loose rust and scale and any non-adhering paint in accordance with SSPC-SP2 or SP3 Hand or Power Tool Cleaning. It is recommended that a commercial grade cleaner/degreaser be applied, followed by a high-pressure wash to remove any contaminants. All surfaces shall be clean prior to application of any coating materials. Surfaces can be damp but not wet. When overcoating existing coating, compatibility testing is recommended.

Application Method: Air Spray: DeVilbiss MBC gun, 704 or 777 air cap with "E" tip and needle or equivalent equipment. Atomization Pressure: 5-10 psi.

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-5 for additional information.

Thinner Code & Percent: Thinning is not recommended.

Coverage Sq. Ft./Gal. @ 1 mil: 993 sq. ft./gal.

Mixing Information: Thoroughly mix before and occasionally during use.

Wet Film Per Coat: 1.6 to 2.4 mils

Dry Film Per Coat: 1.0 to 1.5 mils

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.



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Application Data (continued)

Clean Up: KL1200

Additional Information

Apply only when air and surface temperatures are above 20°F (-6.7°C) and surface temperature is at least 5°F (3°C) above the dew point and no frost or ice is present on the substrate. Minimum relative humidity during application is 30%. This product may be applied to damp surfaces. Excessive dampness is observed when the surface appears to shine from moisture or there is standing water.

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

Permissible substrate temperature during application is 20°F (-6.7°C) and 100°F (37.7°C).

Protect product from moisture contamination prior to application.

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.

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