

## Product Data Sheet



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

## Kolorane™ Zinc Rich Primer

 PPG High Performance Coatings

### Product Information

**Product Codes:** KL9700 Moisture Cure Urethane Part A  
KL9700B Dust Part B

**Product:** Aromatic Moisture Cured Urethane

**Suggested Use:** A VOC compliant, zinc rich primer that cures rapidly to a hard, solvent resistant coating. It shows exceptional ability to adhere to irregular surfaces, even with minimal surface preparation. KL9700/KL9800B meets Class "B"\* slip coefficient and creep testing requirements set forth in ASTM B-490.

**Not Recommended:** Areas where the relative humidity is less than 30%.

### Product Description

**Color:** Brownish Gray

**Gloss 60°:** Flat

**VOC:** 2.40 lbs/gal. (288 g/L) mixed, unthinned

**Method:** Calculated

**Weight/Gallon:** 27.9 ± 0.5 lbs./gal. (mixed)

**In Service Heat Limitations:** 450°F (232.2°C) maximum, dry heat

**Flash Point:** KL9700 82°F (27.8°C)  
KL9700B Not applicable

**Package:** KL9700 Part A is available in short filled one and five gallon containers. KL9700B Part B is available in two gallon and five gallon containers.

**Percent Solids by Volume:** 76.2 ± 5.0% (mixed, practical)

**Percent Solids by Weight:** 91.4 ± 5.0% (mixed)

### Drying Schedule

**Air Dry @ 77°F (25°C) ASTM D5895**

**Dry to Touch:** 1 hour

**Dry to Handle:** 2 hours

**Dry to Recoat:** 4 hours

Drying times listed may vary depending on temperature, humidity and air movement.

### Application Data

**Substrate:** Ferrous metal

### Application Data (continued)

**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. Recommended surface preparation is SSPC-SP6 (NACE #3) Commercial Blast Cleaning. SSPC-SP2/3 Hand Tool/Power Tool Cleaning and SSPC-SP11 can be used in areas not subject to requirements of Class "B" Slip Coefficient.

**Compatible Topcoats:** Acrythane™ Enamels, Kolorane™ Enamels, Kolor-Poxy™ Hi-Build Enamels, Kolor-Poxy™ Primers and Enamels

A mist coat may be required if bubbling occurs.

**Application Method:** Apply by spray, brush or roller application.

**Air Spray:** DeVilbiss MBC gun, 64 air cap with "E" tip and needle or equivalent equipment. Atomization Pressure: 30-60 psi.

**Airless Spray:** Equipment capable of maintaining a minimum of 3000 psi at the tip without surge. 0.017" (0.432 mm) to 0.021" (0.533 mm) orifice.

**Brush:** Use a high quality polyester/nylon brush.

**Roller:** Use a high quality roller cover with a solvent resistant core.

Refer to Application Guide APG-5 for additional information.

**Thinner Code & Percent:** Thin up to 1 pint per gallon with KL1200 as needed for application.

**Digestion Time:** Not applicable

**Pot Life:** Not applicable

**Coverage Sq. Ft./Gal. @ 3 mils:** 357 sq. ft/gal.

**Mixing Instructions:** Under mechanical agitation, thoroughly mix KL9700 Part A. Add KL9700B Part B to Part A. Mix until uniform.

**Wet Film Per Coat:** 2.6 to 6.6 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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**Kolorane™ Zinc Rich  
 Primer**
**Application Data (continued)***Dry Film Per**Coat:* 2.0 to 5.0 mils*Clean Up Solvent:* 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 dewpoint and no frost or ice is present on the substrate. Minimum relative humidity during application is 30%.

Store materials at temperatures between 45°F (7.2°C) and 95°F (35°C).

Permissible substrate temperature during application is 20°F (-7°C) to 100°F (37.8°C).

\*Restrictions for applications subject to Class B Slip Coefficient.

4 hours minimum cure time

6 mils maximum DFT

1 pint per gallon maximum thinning

Not intended for residential use.

Protect product from moisture contamination prior to application.

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.

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

**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.

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