

Product Data Sheet



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

Silicone Acrylic Primer KLC7930 Red

PPG High Performance Coatings

Product Information

Product Code: KLC7930
Product: Silicone acrylic
Suggested Use: Silicone acrylic inhibitive primer for use where dry heat resistance up to 450°F (232°C) is required.

Product Description

Color: Red Oxide
Gloss 60°: Matte
VOC: 4.62 lbs./gal. (554 g/L)
Method: Calculated
Weight/Gallon: 9.8 ± 0.3 lbs./gal.
In Service Heat Limitations: 450°F (232°C) maximum, dry heat
Flash Point: 49°F (9°C)
Package: Available in full filled gallon containers.
Percent Solids by Volume: 36.8 ± 2.0%
Percent Solids by Weight: 53.0 ± 2.0%

Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5895

Dry to Touch: 30 minutes
Dry to Handle: 1 hour
Dry to Recoat: 1 hour*

*The use of minimum recoat times in application of multiple coat systems can cause blisters when the system is subject to rapid heat-up the first time it is placed in elevated temperature service.

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

Application Data

Substrate: 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.

For normal exposure, SSPC-SP6 (NACE #3) Commercial Blast Cleaning is the minimum surface preparation. For heat resistant application, SSPC-SP10 (NACE #2) Near White Metal Blast Cleaning is the minimum surface preparation.

Application Method: Spray preferred. Small areas may be brushed.

Air Spray: DeVilbiss MBC gun, 777 air cap with "E" or "FF" tip and needle or equivalent equipment. Atomization Pressure: 55-70 psi.

Airless Spray: Equipment capable of maintaining a minimum of 1500 psi at the tip without surge. 0.013" (0.330mm) to 0.017" (0.432mm) orifice.

Brush: Use a high quality polyester/nylon brush.

Roller: Not recommended

Refer to Application Guide APG-1 for additional information.

Thinner Code & Percent: Thin up to 10% as needed with KL1200.

Wet Film Per Coat: 4.1 to 5.4 mils

Dry Film Per Coat: 1.5 to 2.0 mils

Coverage Sq. Ft./Gal. @ 1 mil: 590 sq. ft./gal.

Clean Up Solvent: KL1200 Thinner

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)*Mixing*

Instructions: Agitate thoroughly prior to application and occasionally during application.

Additional Information

Apply only when air, product and surface temperatures are between 40°F (4°C) and surface temperature is at least 5°F (3°C) above the dew point. Temperature of the surface to be coated must be below 150°F (66°C) at time of coating application.

Store materials at temperatures between 40°F (4°C) and 90°F (32.2°C).

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.