

Product Data Sheet



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



PPG High Performance Coatings

Kolor-Sil™ Enamel KLF Series

Product Information

Product Code: KLF/XXXX where XXXX is a color designation.

Product Type: Silicone Alkyd

Suggested Use: A high solids, VOC compliant, single component topcoat intended for interior and exterior moderate to severe industrial exposures. Kolor-Sil™ incorporates a 30% copolymerized silicone alkyd resin, to achieve maximum performance and meet the requirements of Federal Standards TT-E-490 and TT-E-1593.

Not Recommended: Immersion service; splash and spillage of strong acids, alkalies and solvents.

Product Description

Color: A full range of colors is available

Gloss 60° Meter: 80 minimum

VOC: 2.70 lbs./gal. (324 g/L) *

Method: Calculated

Weight/Gallon: 10.6 ± 0.3 lbs./gal. *

In Service Heat Limitations: 350°F (177°C) maximum, dry heat

Flash Point: 105°F (40.5°C)

Package: Available in full filled one and five gallon containers

Percent Solids by Volume: 62.8 ± 3.0% *

Percent Solids by Weight: 74.6 ± 3.0% *

Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5895

Dry to Touch: 4 hours

Dry to Handle: 6 hours

Dry to Recoat: 48 hours (Interior)
24 hours (Exterior)

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

Application Data

Substrate: Metal and masonry

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 dimensionally stable, properly prepared and primed, dry, clean and free of all contamination including oil, dirt, grease and rust.

Compatible Basecoats: Aqua-Kolor™ Primers and Enamels, Galv-Anode™ Primer, Hydro-Poxy™ Primers and Enamels, Kolormastic™, Kolor-Nine™ Primers, Kolor-Poxy™ Primers and Enamels, Kolor-Sil™ Enamels, Poly-Silicone Enamels, Vinyl-Butyral Wash Primer, Vinyl-Latex

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

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

Airless Spray: Equipment capable of maintaining a 2000 - 2500 psig. 0.013" (0.330 mm) – 0.017" (0.432 mm) orifice.

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-1 for additional information.

Thinner Code & Percent: Thin as needed with KL700, up to the maximum VOC limit. Never thin beyond legal limits in VOC regulated areas.

Coverage Sq. Ft./Gal. @2 mils: 504 sq. ft./gal.*

Mixing Instructions: Thoroughly mix before using and occasionally during application.

Wet Film Per Coat: 2.4 to 4.0 mils*

Dry Film Per Coat: 1.5 to 2.5 mils

Clean Up Solvent: KL700

DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.hpc.com, Spontaneous Combustion Advisory for additional information.

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Surface Preparation

Previously Painted Surfaces: Old coatings should be tested for adhesion of the existing system and lifting of proposed coating.

Additional Information

Apply only when air, product and surface temperatures are at least 45°F (7.2°C) and surface temperature is at least 5°F (3°C) above the dew point.

Store materials at temperatures between 45°F (7.2°C) and 90°F (32.2°C).

*Values are calculated using KLF16002 White. Values will vary with color.

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.

The statement and methods presented in this bulletin are based upon the best available data and practices known to PPG Architectural Finishes, Inc. at the present time. They are not representations or warranties of performance, results or comprehensiveness of such data. Since PPG Architectural Finishes, Inc. 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 Sales Representative, Distributor of Pittsburgh Paints or the Pittsburgh Paints Information Center for the most up-to-date information. A.220 May, 2004