

Product Data Sheet



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



Tri-Polar™ Primers KL6040 Series

Product Information

Product Code: KL6040 White, KL6060 Light Gray, KL6853 Gray

Product: Oil/Alkyd

Suggested Use: Conventional single component, oil/alkyd, rust-inhibitive, primers formulated for use in conjunction with alkyd or silicone alkyd topcoats.

Use as a primer for structural steel, tanks, piping, transmission and communication towers, conveyors, equipment, and other similar surfaces. May also be used to prime new exterior wood surfaces.

Not Recommended: Priming surfaces in severe environments; or where strong solvent-based topcoats are to be applied, such as epoxies or urethanes.

Product Description

Gloss 60°: Flat

VOC: 2.67 lbs./gal unthinned (320 g/L)*

Method: Calculated

Weight/Gallon: 12.4 ± 0.5 lbs./gal. *

In Service Heat Limitations: 300°F (148.8°C) maximum, dry heat

Flash Point: 105°F (40.5°C)

Package: Full filled one and five gallon containers

Percent Solids by Volume: 59.1 ± 3.0% *

Percent Solids by Weight: 78.4 ± 3.0% *

Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5895

Dry to Touch: 2 hours

Dry to Handle: 4 hours

Dry to Recoat: 24 hours

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

Application Data

Substrate: Metal

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. Minimum surface preparation is SSPC-SP3 Power Tool Cleaning.

Application Data (continued)

Topcoats: Fumeproof™ Enamels, Hydro-Poxy™ Enamels, Poly-Silicone Enamels, Kolor-Sil™ Enamels

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

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

Airless Spray: Equipment capable of maintaining a minimum of 2500 psi at the tip without surge. 0.015" (0.381 mm) to 0.019" (0.483 mm) orifice.

Brush: Use a high quality natural bristle brush.

Roller: Use a 3/8" nap roller cover with a solvent resistant core.

Refer to Application Guide APG-1 for additional information.

Thinner Code & Percent: Thin up to 4% by volume with KL1638 as needed for application.

Coverage Sq. Ft./Gal. @ 2.5 mils: 379 sq. ft./gal.*

Mixing Instructions: Mix thoroughly before and occasionally during use.

Wet Film Per Coat: 4.2 to 5.9 mils *

Dry Film Per Coat: 2.5 to 3.5 mils

Clean Up Solvent: KL1638

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.keelerandlong.com, Spontaneous Combustion Advisory for additional information.

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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PPG High Performance Coatings

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Tri-Polar™ Primers
KL6040 Series

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.

*Values are calculated using KL6040, White. Values will vary with color.

Store materials at temperatures between 45°F (7.2°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.

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