

KL6040

Tri-polar Primer

DESCRIPTION

Single component, Oil/Alkyd, rust inhibitive primer

PRINCIPAL CHARACTERISTICS

- VOC Compliant <2.8 lbs./gal (unthinned)
- 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
- Use in conjunction with alkyd or silicone alkyd topcoats.
- Not recommended for priming surfaces in severe environment; or where strong solvent-based topcoats are to be applied, such as epoxies or urethanes

COLOR AND GLOSS LEVEL

- KL6040-White
- KL6060-Light Gray
- Flat

BASIC DATA AT 77°F (25°C)

Data for mixed product	
Number of components	One
Volume solids	59 ± 3%
VOC (Supplied)	EPA Method 24: 2.7 lb/US gal (319.9 g/l)
Temperature resistance	To 300°F 149°C)
Recommended dry film thickness	2.5 - 3.5 mils (64 - 89 µm) per coat
Theoretical spreading rate	379 ft ² /US gal for 2.5 mils (9.3 m ² /l for 64 µm)
Dry to touch	2 hours
Dry to topcoat	24 hours
Dry to handle	4 hours
Shelf life	At least 24 months when stored cool and dry

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

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- For application to metal, structural steel and new exterior wood surfaces
- 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 or SSPC-SP2 Hand Tool Cleaning



KL6040

Tri-polar Primer

Substrate temperature

- DONOTUSE Below 45°F (7°C), and at least 5°F (3°C) above dew point
-

Warning

Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted and approved (e.g., NIOSHapproved) respirator and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD or the regional Health Canada office

SYSTEM SPECIFICATION

- Primers: Direct to substrate, application over aged coatings that are cleaned and abraded
 - Topcoats: Kolor-Sil Enamels, KLF-Series and KL4400 Series Tower Paint
-

Application Method

- Apply by air or airless spray, brush or roller application
- Mix thoroughly before application and occasionally while in use.

Material temperature

Material temperature during application should be between 45°F (7°C) and 90°F (32°C)

Airless spray

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

Recommended thinner

THINNER 20-05 (AMERCOAT 15)

Volume of thinner

0 - 12%



KL6040

Tri-polar Primer

Brush/roller

- Use a high quality natural bristle brush or a 3/8" nap roller cover with a solvent resistant core.

Recommended thinner

THINNER 20-05 (AMERCOAT 15)

Volume of thinner

0 - 12%

Cleaning solvent

THINNER 20-05 (AMERCOAT15)

ADDITIONAL DATA

Overcoating interval for DFT up to 3.5 mils					
Overcoating with...	Interval	32°F (0°C)	50°F (10°C)	70°F (21°C)	90°F (32°C)
itself	Minimum	Not recommended	26 hours	24 hours	18 hours
	Maximum	Not recommended	Unlimited	Unlimited	Unlimited

Curing time for DFT up to 3.5 mils		
Substrate temperature	Dry to touch	Dry to handle
77°F (25°C)	2 hours	4 hours

SAFETY PRECAUTIONS

- 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 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. NOT APPROVED FOR AVIATION USE!!
- See Material Safety Data Sheet and product label for complete safety and precaution requirements
- High-pressure injection of coatings into the skin by airless equipment may cause serious injury, requiring immediate medical attention at a hospital
- Spray equipment must be handled with due care and in accordance with manufacturer's recommendation

KL6040

Tri-polar Primer

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.pittsburghpaints.com, Spontaneous Combustion Advisory for additional information

WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective and Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

- CONVERSION TABLES INFORMATION SHEET 1410
- EXPLANATION TO PRODUCT DATA SHEETS INFORMATION SHEET 1411

WARRANTY

PPG warrants (i) its title to the product, (ii) that the quality of the product conforms to PPG's specifications for such product in effect at the time of manufacture and (iii) that the product shall be delivered free of the rightful claim of any third person for infringement of any U.S. patent covering the product. THESE ARE THE ONLY WARRANTIES THAT PPG MAKES AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, UNDER STATUTE OR ARISING OTHERWISE IN LAW, FROM A COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY OTHER WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, ARE DISCLAIMED BY PPG. Any claim under this warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life of the product, or one year from the date of the delivery of the product to the Buyer, whichever is earlier. Buyer's failure to notify PPG of such non-conformance as required herein shall bar Buyer from recovery under this warranty.

AVAILABILITY

Packaging

1-gallon and 5-gallon containers

Product codes	Description
KL6040/01	White
KL6040/05	White
KL6060/01	Light Gray
KL6060/05	Light Gray

The PPG logo, and all other PPG marks are property of the PPG group of companies. All other third-party marks are property of their respective owners.

