

KL3500 Series

Kolor-Poxy Self Priming Surfacing Enamel

DESCRIPTION

Two-Component, Epoxy-Polyamine High Build Primer/Topcoat

PRINCIPAL CHARACTERISTICS

- For use as a high build primer/topcoat for properly prepared interior concrete and steel surfaces.
- Suited for piping, equipment and structural steel, concrete floors and walls.
- Use for immersion service in some industrial environments

Note: Not recommended for immersion in strong acids.

COLOR AND GLOSS LEVEL

- White, light tints, and selected dark colors
- 60 degree Gloss will range for 10-90%.

Note: Specific gloss depends on application and dry film thickness.

BASIC DATA AT 77°F (25°C)

Data for mixed product	
Number of components	Two
Volume solids	93 ± 3%
VOC (Supplied)	max. 0.6 lb/US gal (approx. 69 g/l)
Temperature resistance	To 350°F 177°C)
Recommended dry film thickness	8.0 - 50.0 mils (200 - 1250 µm) per coat
Theoretical spreading rate	1490 ft ² /US gal for 1.0 mils (36.6 m ² /l for 25 µm) 187 ft ² /US gal for 8.0 mils (4.6 m ² /l for 200 µm) 30 ft ² /US gal for 50.0 mils (0.7 m ² /l for 1250 µm)
Dry to touch	4 hours
Dry to overcoat	Minimum 24 hours
Dry to handle	8 hours
Shelf life	At least 24 months when stored cool and dry

Notes:

- Drying times listed may vary depending on temperature, humidity and air movement
- In-service heat limitation value is maximum, Dry heat.

KL3500 Series

Kolor-Poxy Self Priming Surfacing Enamel

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Steel or Concrete.
- 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.
- Steel Non-Immersion: SSPC-SP6 (NACE#3) Commercial Blast Cleaning Minimum.
- Concrete or Masonry: Allow to cure for thirty (30) days under normal drying conditions. Remove all contamination. Concrete treated with curing compounds or hardeners should be thoroughly abraded.

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., NIOSH approved) 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

- Recommended Base Coats: Kolor-Poxy Primer and Enamels, Kolor-Poxy Clear Sealer and Kolor-Poxy Chemical Resistant Patching Compound.

-
- Mix the two components, Part A & B in the proportions furnished by stirring independently and then together. DO NOT SUBDIVIDE KITS
 - Thoroughly mix Part A and Part B components by "boxing" between two containers at least ten times, or as necessary to insure uniformity.
 - Thin the mixture (if required by application) and "box" if necessary to obtain a uniform mixture.

Note: Power mixing is acceptable but it should be noted that such equipment induces heat which could shorten the pot life of the coatings significantly

Pot life

2 hours at 77°F (25°C)

Application

- Apply by air or airless spray, brush or roller application
- Apply only when air, product and surface temperatures are at least 50 F (10 C) and surface temperature is at least 5 F (3 C) above the dew point

Material temperature

Material temperature during application should be between 50°F (10°C) and 85°F (29°C)

Air spray

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



KL3500 Series

Kolor-Poxy Self Priming Surfacing Enamel

Airless spray

- Equipment capable of maintaining a minimum of 4000 psi at the tip without surge. 0.015"(0.381mm) to 0.031"(0.787mm) orifice.

Brush/roller

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

Recommended thinner

Thinner 91-37(KL3700)

Volume of thinner

0 – 43%

Note: Do not overthin for specific application. Overthinning will result in reduced film build properties.

Cleaning solvent

Thinner 91-37 (KL3700)

ADDITIONAL DATA

Overcoating interval for DFT up to 50 mils					
Overcoating with...	Interval	32°F (0°C)	50°F (10°C)	70°F (21°C)	90°F (32°C)
itself	Minimum	Not recommended	48 hours	24 hours	12 hours
	Maximum	Not recommended	None	None	None

Note: When the temperature of the coating material exceeds 85 degrees F, the pot life will be reduced to an inconveniently short duration.

Pot life (at application viscosity)	
Mixed product temperature	Pot life
60°F (16°C)	2 hours - 3 hours
85°F (29°C)	1 hour
95°F (35°C)	Not recommended

Product Qualifications

- Nuclear Service Level 2 (ANSI N 5.12, ANSI N 101.2)

KL3500 Series

Kolor-Poxy Self Priming Surfacing Enamel

SAFETY PRECAUTIONS

- See Safety Data Sheet and product label for complete safety and precaution requirements
 - 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
 - Not intended for residential use.
-

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

2 gallon and 5 gallon kits.



KL3500 Series

Kolor-Poxy Self Priming Surfacing Enamel

Product codes	Description
KL3500/02	White base for 2 gallon kit
KL3500/05	White base for 5 gallon kit
KL35006792/05	Sky Gray Base for 5 gallon kit
KL35000445/02	Deep Yellow Base for 2 gallon kit
KL35008928/02	Mist Gray Base for 2 gallon Kit
KL35009866/02	Albatross Base for 2 Gallon Kit
KL3500AB31/05	Haze Gray Base for 5 Gallon Kit
KL3500AB32/05	Winter Mist Base for 5 Gallon Kit
KL3500AB33/02	Mox Off White Base for 2 Gallon Kit
KL3500AB33/05	MOX Off White Base for 5 gallon kit
KL3500AB34/02	FS37925 White Base for 2 Gallon Kit
KL3500AB34/05	FS37925 White Base for 5 Gallon Kit
KL3500B/01	Hardener for 5 gallon kit
KL3500B/04	Hardener for 2 Gallon Kit
KL3500BN/04	Neutral Hardener for 2 Gallon Kit

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.

