

KLH Series

Hydro-Poxy Enamel

DESCRIPTION

Two-component, Water- Based Epoxy Coating

PRINCIPAL CHARACTERISTICS

- Use where a water miscible, two component polyamide-type epoxy coating is needed.
- Exhibits moderate chemical resistance.
- Use where a tough abrasion resistant film with a glossy appearance is required.

Note: Not recommended for exterior exposures; exposures to splash or spillage of strong acids, alkalis or solvents.

COLOR AND GLOSS LEVEL

- Limited color range available
 - Gloss 60 Meter: 85 minimum
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RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- For application to Metal or Masonry
 - 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.
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Atmospheric exposure conditions

- Protect from freezing.
 - Store materials at temperatures between 50°F (10°C) and 95°F (35°C)
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Substrate temperature

- DONOTUSE Below 50°F (10°C), and at least 5°F (3°C) above dew point
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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

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SYSTEM SPECIFICATION

- Compatible Undercoats: Aqua-Kolor Primers and Enamels, Hydro-Poxy Surfacer, Hydro-Poxy Primer, Kolor-Poxy Primers, Kolor-Nine Primers, Vinyl-Latex

INSTRUCTIONS FOR USE

- 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.

Pot life

9 hours at 77°F (25°C)

Application

- Apply by air or airless spray, brush or roller application

Material temperature

Material temperature during application should be between 50°F (10°C) and 95°F (35°C)

Air spray

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

Recommended thinner

No thinner should be added

Airless spray

- Use equipment capable of maintaining a minimum of 2500 psi at the tip without surge. 0.013"(0.330mm) to 0.017"(0.432mm) orifice.

Brush/roller

- Use a high quality polyester/nylon brush or a high quality roller cover.
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Cleaning solvent

Wash equipment promptly with warm soapy water. Flush equipment with thinner to prevent corrosion.

Note: Application equipment should be thoroughly cleaned at least every eight hours or each working shift.

ADDITIONAL DATA

Overcoating interval for DFT up to 3.0 mils (75 µm)					
Overcoating with...	Interval	32°F (0°C)	50°F (10°C)	70°F (21°C)	90°F (32°C)
itself	Minimum	Not recommended	24 hours	16 hours - 24 hours	8 hours - 12 hours
	Maximum	Not recommended	Unlimited	Unlimited	Unlimited

Pot life (at application viscosity)	
Mixed product temperature	Pot life
55°F (13°C)	12 hours
70°F (21°C)	9 hours
85°F (29°C)	6 hours
100°F (38°C)	2 hours

SAFETY PRECAUTIONS

- See 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
- Not recommended for immersion service.
- 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

1-gallon kit

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Product codes	Description
KLH15504/01	Light Gray
KLH16002/01	White
KLH16792/01	Sky Gray
KLH17880/01	Off White
KLH1AA24/01	Salem Chalet
KLH1AA98/01	Salem Birch White
KLH1BA20/01	Pump Brown
KLH1B/04	Hardener for 1 gallon kit

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