Product Data Sheet

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

Aqua-Kolor™ Semi-Gloss Enamel
KLWC2 Series

Product Information

Product Code: KLWC210 White and Pastel Base
KLWC220 Midtone Base
KLWC230 Deeptone Base
KLWC240 Neutral Base

Product: Acrylic Latex

Suggested Use: A 100% acrylic latex finish coat for use on metal in light to moderate industrial exposures. May also be used on masonry, plaster and drywall surfaces. KLWC210 can be used for direct-to-metal applications.

Not Recommended: Do not use on large wood structures or for immersion service.

Product Description

Color: Various

Gloss 60°: 20 - 40

VOC: 1.88 lbs./gal. (226 g/L) *

Method: Calculated

Weight/Gallon: 10.2 ± 0.3 lbs./gal. *

In Service Heat Limitations: 250° F (121°C) maximum dry heat

Flash Point: Over 200° F (>93°C)

Package: One and five gallon containers

Percent Solids by Volume: 38.5 ± 2.0% *

Percent Solids by Weight: 49.9 ± 2.0% *

Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5895

Dry to Touch: 1 hour

Dry to Handle: 4 hours

Dry to Recoat: 4 hours

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

Application Data

Substrate: Metal, masonry, plaster and drywall

Substrate Preparation: The service life of the coating is directly related to the surface preparation. The surface to be coated must be dimensionally stable, dry, clean and free of all contamination including oil, dirt, grease and rust. Where appropriate, bare areas should be primed with a suitable primer. Aqua-Kolor™ Primer must be used on all bare metal surfaces when using colors made from KLWC220, KLWC230 and KLWC240.

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

Ferrous Metal: Recommended surface preparation is Commercial Blast Clean per SSPC-SP6. Minimum surface preparation is SSPC-SP2/SP3 Hand Tool/Power Tool Clean.

Galvanized Steel: Solvent Clean per SSPC-SP1 to remove grease and oils. If any oxidation (white rust) has formed, sand and remove all contamination. If the galvanized has been passivated or stabilized, the surface must be abraded per SSPS-SP7 Brush-Off Blast Clean or chemically treat the surface.

Aluminum: Solvent Clean per SSPC-SP1 to remove grease and oils.

Concrete, Stucco, Plaster and Masonry: Allow all concrete, mortar, plaster, etc. to cure for thirty (30) days under normal drying conditions. Remove all dirt, dust, grime, loose mortar and all contaminants. Concrete that has been treated with curing compounds or hardeners should be abraded.

Application Method: Apply by spray, brush or roller application

Air Spray: DeVilbiss MBC gun, 704 or 777 air cap with “E” tip and needle or equivalent. Atomizing pressure, 55-70 psi.

Airless Spray: Equipment capable of maintaining a minimum of 2000 psi at the tip without surge. 0.015” (0.381 mm) to 0.023” (0.584 mm) orifice.

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PPG High Performance Coatings

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Application Data (continued)

Brush: High quality polyester/nylon brush.

Roller: 1" to 1 1/2" nap roller cover.

Refer to Application Guide APG-1 for additional information.

Thinner Code & Percent: Thinning is not usually required. Excessive thinning or insufficient film build may cause rust staining. If rust staining occurs, apply an additional coat.

Coverage Sq. Ft./Gal. @ 1 mil: 618 sq. ft./gal. *

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

Wet Film Per Coat: 5.2 to 7.8 mils *

Dry Film Per Coat: 2.0 to 3.0 mils

Clean Up Solvent: Clean equipment promptly with warm soapy water. Flush spray equipment with paint thinner to prevent corrosion.

Additional Information

Apply only when air, product and surface temperatures are between 50°F (10°C) and 100°F (38°C) and the surface temperature is at least 5°F (3°C) above the dew point.

Store materials at temperatures between 50ºF (10ºC) and 100ºF (38ºC).

*Values are calculated using KLWC210 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.

Two coats are required for maximum protection and durability if used as a finish coat.

Not intended for residential use.

Protect from freezing.

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.