Product Data Sheet

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

PPG High Performance Coatings

Acrythane™ Enamel
KLYC Series

Product Information

Product Code:	KLYC150 White Base Part A KLYC160 Neutral Base Part A KLYC170 Yellow Base Part A KLYC1B Curing Agent Part B
Product:	Acrylic Urethane
Suggested Use:	Two-component, high-gloss acrylic urethane enamel formulated to provide superior color and gloss retention. Use as a topcoat for exterior structural steel, tanks, piping, conveyors, equipment, and other similar surfaces, as well as interior and exterior concrete surfaces.
Not Recommended:	Immersion service; splash and spillage of strong acids and alkalies.

Product Description

Color:	A full range of colors is available.
Gloss 20°:	70 minimum
VOC:	KLYC150/KLYC1B 3.18 lbs./gal. (381 g/L) KLYC160/KLYC1B 3.07 lbs./gal. (368 g/L) KLYC170/KLYC1B 3.23 lbs./gal. (387 g/L)
Method:	Calculated
Weight/Gallon:	10.7 ± 0.5 lbs./gal. *
In Service Heat Limitations:	350° F (176.7° C) maximum, dry heat Color change begins at temperatures of 275°F (135°C).
Flash Point:	Part A 80° F (27° C) KLYC1B 331° F (164° C)
Package:	KLYC150 and KLYC160 are available in short filled one and five gallon containers. KLYC170 is available in short filled gallon containers. KLYC1B is available in full filled pint and short filled gallon containers.
Percent Solids by Volume:	55.1 ± 3.0% (mixed) *
Percent Solids by Weight:	70.1 ± 3.0% (mixed) *

Drying Schedule

Air Dry per ASTM D5895 @ 50% relative humidity

	Dry to Touch	Dry Through
40ºF (4.4ºC)	2.5 hours	>24 hours
50ºF (10ºC)	2.5 hours	15 hours
60ºF (15.6ºC)	2.0 hours	8.5 hours
77ºF (25ºC)	1 hour	2.75 hours
90ºF (32.2ºC)	30 minutes	1.5 hours

Accelerated with 6 fluid ounces of KL722 per mixed gallon

	Dry to Touch	Dry Through
40ºF (4.4ºC)	1 hour	2.25 hours
50ºF (10ºC)	30 minutes	1.5 hours
60ºF (15.6ºC)	15 minutes	45 minutes
77ºF (25ºC)	15 minutes	30 minutes
90ºF (32.2ºC)	15 minutes	15 minutes

Application Data

Substrate:	Metal or masonry
Substrate Preparation:	The service life of the coating is directly related to the surface preparation. The surface to be coated must be dimensionally stable, properly prepared and primed, dry, clean and free of all contamination. Where appropriate, bare area should be primed with a suitable primer.
Basecoats:	Kolorane™ Aluminum Primer, Kolorane™ Zinc Rich Primer, Kolor-Poxy™ Primers and Enamels, Kolor-Poxy™ Surfacer, Kolormastic™ II
Application Method:	Apply by spray, brush or roller application. Air Spray: DeVilbiss MBC gun, 704 or 777 air cap with “E” or “F” tip and needle or equivalent equipment. Atomization Pressure: 55-70 psi. Airless Spray: Equipment capable of maintaining a minimum of 1800 psi at the tip without surge. 0.013 (0.330 mm) to 0.015” (0.381 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-5 for additional information.

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Application Data (continued)

Parts Base by Volume:	7 parts KLYC Part A
Parts Catalyst by Volume:	1 part KLYC1B Part B
Digestion Time:	None Required
Thinner Code & Percent:	Thinning is not normally required. If thinning is necessary and permitted by local VOC regulation, small amounts of KL1200 (for spray) or KL500 (for roller) may be used. KLC1275 may also be used for added open time.
Pot Life:	3 hours @ 77°F(25°C). With the addition of 6 fluid ounces of KL722 Accelerator per mixed gallon, the pot life is 1 hour @ 77°F(25°C)
Coverage Sq. Ft./Gal. @ 2 mils:	442 sq. ft./gal. *
Mixing Instructions:	Mix Part A thoroughly before blending (If KL722 Accelerator is used, add it to Part A and mix well prior to addition of Part B). Add KLYC1B Part B to Part A and mix well. No digestion time is required.
Wet Film Per Coat:	2.7 to 3.6 mils
Dry Film Per Coat:	1.5 to 2.0 mils
Clean Up Solvent:	KL500 or KL1200

Additional Information

Apply only when air, product and surface temperatures are at least 40°F (4.4°C) and surface temperature is at least 5°F (3°C) above the dew point.

Store materials at temperatures between 60°F (15.6°C) and 90ºF (32.2ºC).

Permissible substrate temperature during application is 40ºF (4ºC) to 130ºF (54ºC).

Not intended for residential use.

Not recommended for immersion service.

*Values are calculated using KLYC150 tinted White and mixed 7:1 by volume with KLYC1B. 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.

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.