

Product Data Sheet



Keeler & Long/PPG
856 Echo Lake Road
Watertown, CT 06795
1-800-238-8596

 PPG High Performance Coatings

Acrythane™ II Gloss Enamel

Product Information

Product Code: KLYC850 White Base Part A
KLYC860 Neutral Base Part A
KLYC8B Curing Agent Part B

Product: Acrylic Urethane

Suggested Use: Use where an acrylic urethane finish with faster dry time and gloss are required.

Product Description

Color: A full range of colors is available.

Gloss 20°: 70 minimum

VOC: 2.62 lbs./gal. (314 g/L) *

Method: Calculated (mixed)

Weight/Gallon: 10.9 ± 0.5 lbs./gal. (mixed) *

In Service Heat Limitations: 300°F (149°C) maximum, dry heat. Color will begin to change at 275°F (135°C).

Flash Point: Part A 84°F (28.9°C)
KLYC8B 331°F (160°C)

Package: Part A is available in short filled one and five gallon containers. Part B is available in short filled 12 ounce and 64 ounce containers.

Percent Solids by Volume: 63.9 ± 3.0% (mixed) *

Percent Solids by Weight: 76.0 ± 3.0% (mixed) *

Drying Schedule

Air Dry @ 77°F (25°C) ASTM D5895

	77°F (25°C)	40°F (4.4°C)
		Accelerated with KL722
Dry to Touch:	30 minutes	
Dry to Handle:	2 hours	4.5 hours
Dry to Recoat:	When dry to handle	When dry to handle

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 contamination.

Compatible Basecoats: KLC3250/KLC3250B, Kolor-Poxy™ Primer, Kolormastic™ II

Application Method: Air or airless spray application recommended.

Air Spray: DeVilbiss MBC gun, 704 or 777 air cap with "E" or "F" tip and needle or equivalent equipment. Atomizing 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" (0.3812 mm) orifice.

Brush: Use a high quality natural bristle brush.

Refer to Application Guide APG-5 for additional information.

Mix Ratio: Mix the entire contents of one 12 ounce container of KLYC8B to the contents of one gallon container of Part A or one 64 ounce container of KLYC8B with one five gallon container of Part A.

Thinner Code & Percent: Thin 5% by volume with acetone to improve leveling and flow.

Digestion: None required

Pot Life: 2.5 hours at 77°F (25°C).

The addition of 6 fluid ounces of KL722 Urethane Accelerator will result in a mixed potlife of 1 hour at 40°F (4.4°C).

The statement and methods presented in this bulletin are based upon the best available data and practices known to PPG/Keeler & Long at the present time. They are not representations or warranties of performance, results or comprehensiveness of such data. Since PPG/Keeler & Long is constantly improving its coatings and paint formulas, future technical data may vary somewhat from what was available when this bulletin was printed. Contact your PPG/Keeler & Long Sales Representative for the most up-to-date information.

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Application Data (continued)

Wet Film Per

Coat: 2.3 to 3.1 mils*

Dry Film Per

Coat: 1.5 to 2.0 mils

Coverage Sq.

Ft./Gal. @ 1 mil: 1025 sq. ft./gal.

Mixing Instructions:

Agitate Part A thoroughly prior to blending. Add KLYC8B Part B to Part A and mix well. No digestion time is required. Up to 6 fluid ounces of KL722 Urethane Accelerator can be added per mixed gallon. When using KL722, add Accelerator to Part A, mix well then add Part B and thin prior to application.

Clean Up

Solvent: KL700, KL1200 or KL3700 Thinners.

Additional Information

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

*Values are calculated for KLYC850 mixed with KLYC8B. Values may vary with color.

Store materials at temperatures between 60°F (15.6°C) and 90°F (32°C).

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.

The solvents contained in these products can lift some alkyd, oil based and other coatings that are not resistant to strong solvents. A test patch application is recommended before application to a significant area of unknown base coat or primer.

These coatings should not be applied to dimensionally unstable substrates such as large expanses of wood.

These coatings are not recommended for immersion service. Do not apply to concrete surfaces below grade or in other applications where hydrostatic pressure is present. Not intended for residential use.

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.

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