

Technical Data

Poly-Kote Polyurethane Enamel

High Gloss Urethane Alkyd Enamel

PRODUCT DESCRIPTION

Poly-Kote is a high gloss, solvent thinned exterior urethane modified alkyd finish formulated for exceptional durability and adhesion to wood, metal and concrete surfaces.

RECOMMENDED USE

On properly primed interior or exterior surfaces of wood, metal, masonry, plaster or composition board. Ideal for trim work, kitchen and bathroom walls, lawn and porch furniture, garden equipment, machinery, boats above the water line, and general household use. May be used as a concrete floor enamel.

COLOURS

Standard Colours: White

APPLICATION DATA

Surface Preparation:

Previous painted surfaces should be clean and well adhering. Surfaces should be scraped or sanded to remove any loose paint. Glossy areas should be dulled by sanding. Mildew should be removed by washing with a chlorine bleach solution.

Unpainted wood and metal surfaces should be primed. Prime wood and metal surfaces with a **Seahorse** Zinc Chromate Primer.

Unpainted masonry surfaces should be dry and free of all dirt, oil, grease, loose or chalky deposits and efflorescence or other contaminants. Prime with **Maxiprime** alkali resistant primer. New masonry should be allowed to cure for 30 days before painting.

Unpainted concrete floors should be well aged and not subject to rising dampness. Etch surface with a 10% solution of Muriatic Acid, allowing solution to stand on surface 5-10 minutes. Then rinse thoroughly and allow to dry out at least 24 hours before painting. First coat may be thinned with up to one pint of Mineral Spirits per gallon . Subsequent coats should be applied at package consistency.

Important Do not apply in damp or very humid conditions eg 80% or above. Non compliance with this advice may result in paint failure and/or noticeable gloss reduction.

Recommended Application:

Wet Film Coat	6 mils
Dry Film Coat	2 mils
Spread Rate:	250-300 sq. ft. per gallon depending on surface porosity.

Application Methods:

Mix thoroughly before use and occasionally during use. Apply evenly, keeping brush well filled and laying off to newly painted area. **Apply two coats allowing overnight drying between coats.** Apply with a high quality brush or roller. May be sprayed.

Thinning: No thinning is usually required . If necessary, or for spray

application, use high grade Mineral Spirits.

Drying Time:

Normally dries to the touch in 5-10 hours at 77°F and 50% relative humidity, but allow 24 hours before recoating. **Do not apply in damp or very humid conditions. Do not apply if surface temperature is below 50°F or if rain threatens.** Also the substrate must be 5°F above the dewpoint for a period of at least one hour after application to avoid condensation occurring on wet paint.

Clean up:

Remove paint spots promptly. Clean up brushes, rollers and other equipment promptly with mineral spirits or paint thinner. However, to remove all siliconized alkyd from brushes and rollers, it is suggested to soak them in Lacquer Thinner after Mineral Spirit clean up.

PRODUCT ANALYSIS*

Pigment	28.7%
Titanium Dioxide ...	<u>100.0%</u>
	100.0%
Vehicle	67.3%
Alkyd Resin.....	34.0%
Urethane Resin....	22.5%
Mineral Spirits.....	<u>43.5%</u>
	100.0%
Additives	<u>4.0%</u>
	100.0%

Weight per U.S. Gallon 9.67 lbs.
Percent Solids By Weight 70.3%
Percent Solids By Volume 52.2%
PVC 15.9%
Gloss 96% @ 60°
VOC 375 grams per liter