



KVP ALKYD SEMI-GLOSS | 9800

Interior / Exterior Alkyd Emulsion Finish

KRETUS® KVP ALKYD SEMI-GLOSS | 9800 is a premium, high-performance semi-gloss alkyd emulsion enamel formulated for a wide variety of surfaces and conditions. It provides excellent corrosion resistance, making it an ideal rust-preventative coating for metal substrates.

This versatile coating can be used direct-to-metal (DTM) on properly prepared surfaces (for DTM application guidance, contact a Kretus Representative). It also offers exceptional resistance to abrasion, moisture, and chemical fumes, making it suitable for industrial maintenance on metal, wood, concrete, and masonry surfaces.

As a super-compliant, environmentally friendly “green” coating with very low odor, it’s designed for both interior and exterior architectural applications.

ADVANTAGES

- SCAQMD—complies with Rule 1113, Architectural Coatings
- LEED—complies with LEEDv4
- CDPH Section 01350—Standard Method V1.2 2017
- MPI—#157 and #157 X-Green
- Non-EG Certified—formulated without Ethylene Glycol (Non-EG)
- manufactured using 100% solar energy

SUGGESTED USES AND APPLICATION AREAS

- Properly primed interior / exterior concrete and masonry, wood (i.e. doors and frames) and metal (i.e. doors, frames, garage doors, and wrought-iron surfaces) that require a tough, durable, washable surface.

FINISH

- semi-gloss, sheen @ 60° = 75.0%

LIMITATIONS

- NOT recommended over unprimed galvanized surfaces.

PACKAGING

- 1-gallon and 5-gallon containers

Larger sizes may be available through KRETUS® distributor.

SAFETY, STORAGE, TESTING, AND WARRANTY

- **Safety:** Personal protective equipment and safety conditions must be considered before using any product. Review all relevant and current documentation including Safety Data Sheets (kretus.com/safety-data-sheets).
- **Storage area:** Store material in a dry area, outside of direct sunlight between 60°F and 80°F.
- **Testing:** Before installation: Test and look for any unknown site conditions and/or defects. To ensure desired results are achieved, the system should be tested in a small area on site before full installation begins.
- **Warranty:** For warranty to be upheld, Pre- and Post-Job Checklists (kretus.com/project-planning) must be completed.

SURFACE PREPARATION

- Remove oil, grease, dirt, loose rust, loose peeling paint, or other contaminants that may impair adhesion and affect performance.
- All new surfaces must be primed.
- Metal surfaces need to be acid-etched and then cleaned from any acid residue.
- Glossy surfaces must be sanded and may require priming.

Prime Coat

SURFACE	PRIMER
Concrete/Masonry	KVP PRIMER / SEALER 4600
Metal, Aluminum	KVP PRIMER / SEALER 8600
Metal, Galvanized	KVP PRIMER / SEALER 8600
Metal, Non-Galvanized	KVP PRIMER / SEALER 8600 KVP METAL PRIMER 9600
Wood (Exterior)	KVP PRIMER / SEALER 4000 KVP EPOXY PRIMER / SEALER 8000
Wood (Interior)	KVP EPOXY PRIMER / SEALER 8000

APPLICATION

Brush, roll, or spray. Ambient and surface temperatures must be above 55°F and relative humidity below 80%. Clean tools and equipment with soap and water.

DRYING TIME

Touch	1 hr
Recoat	6 hr

COVERAGE

- up to 350 square feet per gallon, depending on porosity and texture of the surface

Coverage rates are for estimating purposes only. Factors such as waste, unusual/abnormal substrate conditions, and other unforeseen jobsite conditions may affect actual product yields and are the responsibility of the installer.

MIL THICKNESS

Wet	5.0
Dry	2.0

THINNING

Use water sparingly.

PROPERTIES WHEN FULLY CURED

PROPERTIES	TEST METHOD	TYPICAL VALUES
Adhesion	ASTM D3359-97 (on steel panel)	0% removal
Prohesion	ASTM D5894-96 (on steel panel, 1000 hours)	No Corrosion
Humidity Resistance	ASTM D4587-91 (on steel panel, 100 hours)	10 (no effect)

COMPOSITION

Titanium Dioxide.....	18.0%	Weights and Measurements +/-3.0%	
Extenders.....	1.0%	Solids by Volume.....	35.5%
TOTAL PIGMENT	19.0%	Solids by Weight	47.9%
		VOC.....	<10 g/L
Resin	24.0%	Weight per Gallon.....	10.31 lbs
Additives	7.0%	Viscosity	95–100 KU
Water	50.0%		
TOTAL VEHICLE	81%	Regulatory Coating Type.....	Non Flat

***NOTE:** This product complies with the Super Compliant Coatings category under SCAQMD definitions.

Disclaimer: This document is intended for Kretus-trained professionals. It is not legally binding and does not remove the user's or specifier's responsibility to ensure materials are used appropriately for the project and jobsite. Always follow the most current industry standards and Kretus technical guidelines. **Note:** Subject to change without notice. For the latest version, visit kretus.com.