



KVP SINGLE K POLYURETHANE SEMI-GLOSS | 5740

Interior / Exterior Acrylic Polyurethane Finish

KRETUS® KVP SINGLE K POLYURETHANE SEMI-GLOSS | 5740 is a premium interior/exterior architectural coating designed for wood, drywall, cementitious substrates, and primed metal. Formulated with a multi-phase, self-crosslinking acrylic polyurethane polymer system that incorporates proprietary resin technologies, it delivers an exceptionally tough surface resistant to household chemicals and damage from heavy use.

This advanced coating provides a hard, durable finish with superior adhesion to a wide range of surfaces, including plastics. Its self-crosslinking acrylic polyurethane polymers prevent yellowing over time, while its excellent scuff, burnish, and abrasion resistance make it ideal for high-traffic areas—especially in dark colors. The formula also resists stains, moisture, lanolin, hand oils, and both household and industrial chemicals.

Environmentally friendly, this low-odor coating has a VOC content of less than 50 g/L, making it a superior choice for interior applications where performance and indoor air quality matter.

ADVANTAGES

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

SUGGESTED USES AND APPLICATION AREAS

- cabinets, wood paneling, doors, frames, furniture, properly primed plaster, drywall, concrete, and masonry surfaces
- All metal surfaces must be primed or previously coated prior to application (NOT A DTM PRODUCT).

FINISH

- semi-gloss, sheen @ 60° = 55.0% (+/- 3.0%)

LIMITATIONS

- NOT recommended directly on metal (NOT A DTM PRODUCT) or for tabletops.

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

- Proper preparation is essential to performance of water-based coatings.
- Remove oil, grease, dirt, loose rust, loose peeling paint or other contaminants that may impair adhesion and affect performance.
- Glossy or slick surfaces should be lightly sanded.
- For caulking, contact a Kretus Representative.

Prime Coat

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

APPLICATION

Brush, roll, or spray. Ambient and surface temperatures must be above 50°F and relative humidity below 80%. Clean tools and equipment with soap and water.

DRYING TIME

Touch	1 hr
Recoat	4 hr

COVERAGE

- 300–350 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	2.0–2.5

THINNING

Use at package consistency. If thinning is required, use water sparingly.

COMPOSITION

Titanium Dioxide.....	20.0%
Extenders	0.5%
TOTAL PIGMENT	20.5%
Proprietary Resin	27.2%
Additives	4.5%
Water	47.8%
TOTAL VEHICLE	79.5%

Weights and Measurements +/-3.0%	
Solids by Volume.....	37.9%
Solids by Weight	50.3%
VOC	<50 g/L
Weight per Gallon.....	10.4 lbs
Viscosity	100–110 KU

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.