KVP PRIMER / SEALER | 8600

Interior / Exterior Acrylic Urethane Multi-Purpose Primer

KRETUS® KVP PRIMER / SEALER | 8600 is a premium, multi-purpose primer, sealer, and bonder designed for both interior and exterior use. Formulated with high-performance, multi-phase self-crosslinking acrylic and polyurethane polymers, it delivers excellent adhesion to hard-to-paint surfaces and can be top-coated with alkyd, acrylic, epoxy, or urethane systems.

Engineered for direct-to-metal (DTM) applications, it provides outstanding long-term corrosion and flash rust resistance. This user-friendly coating offers excellent flow and leveling properties and can be easily sanded if needed. It is a low-odor, low-VOC, HAPS-free formula that contains no formaldehyde or isocyanates.

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

- wood, cabinets, ferrous and galvanized metal, brass, aluminum, copper, concrete, masonry, drywall, fiberglass, glass, most plastics, and other difficult surfaces.

FINISH

- low sheen

LIMITATIONS

- Do NOT use on Trex, Kynar, or similar composites.
- Do NOT use on stainless steel.

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

- All surfaces must be clean, dry, and free from contaminants that may impair adhesion (i.e. dirt, grease, oil, wax, loose paint, etc.).

- Glossy or slick surfaces should be lightly sanded for best adhesion.
- Metal: All metal surfaces must be cleaned based on SSPC-SP1, -SP2, and -SP3 guidelines. New galvanized metal and very shiny/smooth metals must be acid etched. NOTE: Passivation coatings applied to galvanized metal must be removed prior to priming. Newly galvanized substrates should be tested for chromates. Refer to SSPC SP-16 for proper testing and surface preparation.
- Plastics: Due to the diversity of plastics, a test sample should be applied to ensure adhesion.

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	30 min
Recoat	2 hr

COVERAGE

- up to 300 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 at package consistency. If thinning is required, use water sparingly.

PROPERTIES WHEN FULLY CURED

PROPERTIES	TEST METHOD	TYPICAL VALUES
Adhesion	ASTM D3359-97	5B
Permeability	ASTM D1653-13, Method A	3.65
Enamel Hold-Out	ASTM D7786	1.67 - Excellent
Humidity Resistance	ASTM D4587-91	10 (no effect) - Excellent
Pencil Hardness	ASTM D3363-05	3H
Water Blistering	ASTM D714	None
Contrast Ratio	ASTM D2805	98.5
Flow and Leveling	ASTM D4062	Excellent
Prohesion Corrosion	ASTM D5894-96	Excellent
Degree of Corrosion	ASTM D4587-91	No Corrosion
Galvanized Adhesion	ASTM D3359-09, Method B	Excellent
Mandrel Bend	ASTM D522-13	1/8 inch
Flash Rust Resistance	CRGI Test Method 37	None
Chemical Resistance	ASTM D1308-02	Excellent

COMPOSITION

Titanium Dioxide	10.5%
Extenders	13.0%
TOTAL PIGMENT	23.5%
Resin	23.75%
Additives	5.25%
Water	47.5%
TOTAL VEHICLE	76.5%

Weights and Measurements +/-3.0%

Solids by Volume	37.0%
Solids by Weight	47.0%
VOC	<85 g/L
Weight per Gallon	10.26 lbs
Viscosity	95–100 KU