



Product Data Sheet

Uni-Kote™ Solvent Gloss Enamel – P600 Series

Product Description

A high gloss, oil based enamel for interior and exterior use.

Where to Use

This is an excellent all-purpose coating that can be applied to wood or ferrous metals. It has very good results on motors, woodwork, lawn furniture, handrails, etc.

Product Characteristics

Color White, Standard and Custom colors

Gloss High Gloss

Architectural and Industrial Maintenance Category Non-Flat Coatings, Exterior

| <u>Drying Time</u> | <u>Temperature</u> | <u>To Touch</u> | <u>To Recoat</u> |
|--------------------|--------------------|-----------------|------------------|
| | 75°F / 55% R.H. | 2 Hours | 8 Hours |

(Cooler temperatures and higher humidity will lengthen drying time)

Preparation & Priming

Surface Preparation: **Interior:** The surface must be free of all dirt, grease, or other contaminants, loose or failing paint, chalking surfaces, rust or moisture. Glossy surfaces should be dulled with sandpaper or chemical deglossers. Mildew should be removed by applying a mixture of bleach into a solution of water and detergent.

Exterior: The substrate should be thoroughly degreased in accordance with SSPC-SP1. All burrs should be removed and sharp edges or rough weld seams should be ground down. Where weathered steel is applicable and where the substrate has reached rust grade, appropriate chemical cleaning or blasting will be necessary.

Primer Coats Use Anchor #P1507 Undercoater for wood, #1600 Series Rust Inhibitive Primer for steel. Consult your Anchor representative for specific job requirements.

Mixing & Application

Mixing Stir thoroughly, making sure no pigment remains on the bottom of the can.

Thinning This coating is VOC compliant; only thin if permitted by federal, state and local regulations. If necessary, thin with Anchor #J1112.

Surface Temperature Minimum 50°F, Maximum 110°F - The surface should be dry and the relative humidity should be less than 85%.

Recommended Thickness 1.6-2.0 mils dry per coat

Theoretical Coverage 871 ft²/gal at 1 mil dry, assuming no application loss. Coverage will vary depending on color, surface texture and application technique.

| <u>Coverage Rates per Coat</u> | <u>#</u> | <u>Dry Mils</u> | <u>Wet Mils</u> | <u>Ft²/gal</u> |
|--------------------------------|------------------|-----------------|-----------------|---------------------------|
| | <u>Suggested</u> | 1.8 | 3.3 | 483 |
| | <u>Minimum</u> | 1.6 | 2.9 | 544 |
| | <u>Maximum</u> | 2.0 | 3.7 | 436 |

| | | | |
|------------------------------|---------------------------|---|---------------|
| <u>Application Equipment</u> | <u>Airless Spray</u> | Pressure | 1200-2200 psi |
| | | Tip | 0.011"-0.015" |
| | <u>Conventional Spray</u> | Air Pressure | 40-70 psi |
| | | Fluid Pressure | 10-20 psi |
| | <u>Roller</u> | Use a 3/8" or a 1/2" synthetic roller cover. | |
| | <u>Brush</u> | Use a high quality natural china bristle brush. | |

Mixing & Application Continued

Application Considerations This coating allows for brush, roller, or spray application. Apply in wet coats to assure a smooth, even finish. When applying, use cross-hatch method, overlapping each pass 50%. Clean system thoroughly before and after each use. On a derusted surface the application of a dry film thickness of at least 2 mils is recommended.

Touch-Up Proper touch-up is accomplished by applying a thin coat of this product over a well coated surface using the same method of application as used to apply the finish coat, that is, spray over spray, roller over roller. If the finish coat is sprayed, it is also possible to spray a small amount into an empty container, then touching up with a foam brush. Touch up should be done within 5°F of the original temperature.

Technical Information

Solids by Volume 54.31% – Varies by Color

AIM Category VOC Limit 3.2 lb/gal (380g/l)

Actual VOC 3.02 lb/gal (362 g/l) – Varies by Color

Density 10.72 lb/gal (1284 g/l) – Varies by Color

Packaging 5 Gallon pails, 1 Gallon cans, and quart (1/4 gallon) cans

Chemical Resistance Flexibility: Good Weather: Good Abrasion: Very Good

Heat Resistance 150°F Continuous, 250°F Spikes

Clean-up & Storage

Cleanup Use Anchor #J1112

Storage Temperature Minimum 20°F Maximum 110°F

Shelf Life Under Normal Conditions (Unopened) – Two Years

Safety & Important Information

WARNING! COMBUSTIBLE LIQUID AND VAPOR. CONTAINS: MINERAL SPIRITS. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, eye, skin and throat irritation. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. **Use only with adequate ventilation.** Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN.**

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator 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 National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

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LIMITED WARRANTY: The technical data on this label or on other data is true and accurate to the best of our knowledge. We guarantee our products to conform to ANCHOR PAINT MFG. CO. quality control standards. Due to misuse in handling, storage, application and workmanship or variables such as weather or surface integrity that are beyond our control, Anchor Paint does not authorize any representative to make any warranty or merchantability of fitness of this product. Any liability whatsoever of Anchor Paint Mfg. Co. to the buyer or user of this product is limited to the purchaser's cost of the product itself.