



Product Data Sheet

Uni-Kote™ Waterborne Acrylic Masonry Sealer – P1122

Product Description

This product is a thermoplastic all-acrylic water resistant coating with an excellent resistance to water blushing. It was developed for use on cementitious and other non-resilient surfaces.

Where to Use

It effectively seals concrete floors for easy cleaning and protects substrate staining from oils, water, mild acid and alkalis. It has a milky white appearance which dries quickly to a clear. It can also be used as a masonry conditioner prior to top-coating on exterior vertical masonry.

Product Characteristics

Color Clear

Gloss Low Sheen

Architectural and Industrial Maintenance Category Waterproofing and Treatments

Drying Time

Temperature	To Touch	To Recoat	Foot Traffic
75°F / 55% R.H.	20 Minutes	1 Hours	36 Hours

(Cooler temperatures and higher humidity will lengthen drying time)

Preparation & Priming

Surface Preparation The surface must be dry and free of any contaminants that would hinder the performance such as dirt, oils, excessive efflorescence or chalk, form release or curing agents and any loose paint by scraping, wire brushing or pressure washing. Masonry must be cured 28 days. Repair all structural defects such as cracks, breaks or other flaws prior to application. All smooth uncoated concrete must be etched with a 5% solution of muriatic acid and thoroughly rinsed if water beads rather than soaks into the surface. All floors should be washed with a non-soapy detergent such as T.S.P. (Tri-Sodium-Phosphate) and thoroughly rinsed. The surface should be checked with litmus paper or a pH pencil to assure a pH of 7-8. If pH is not in range, the surface must be rinsed until a neutral pH is attained. Test moisture on floors by taping a 3'X3' sheet of plastic to the floor overnight. If moisture is present under the plastic, do not apply sealer until moisture is eliminated.

Finish Coats This product should not be applied under a finish coat.

Mixing & Application

Mixing Stir thoroughly before application

Thinning Do not thin for application

Surface Temperature Minimum 50°F, Maximum 90°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 305 ft²/gallon at 1 mil dry, assuming no application losses. Coverage will vary depending on color, the surface texture and application technique.

Coverage Rates per Coat

	Dry Mils	Wet Mils	Ft ² /gal
<u>Suggested</u>	0.9	4.7	339
<u>Minimum</u>	0.8	4.2	381
<u>Maximum</u>	1.0	5.3	305

Application Considerations This product can be applied by brush, roller or spray. Do not over brush or roll to avoid bubbling. Apply one coat over previously coated surfaces and two coats over uncoated floors. If previously coated floor is high gloss or a built up coating, it is recommended to de-gloss to assure good adhesion. Do not overbuild this coating as delamination, wrinkling, and/or extremely slow drying times can occur. This product will not prevent tire marks from occurring. If higher film build is desired, to fill porous concrete for example, use multiple coats.

Mixing & Application Continued

<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>	Do not exceed a 3/8" nap cover.	
	<u>Brush</u>	Use high quality synthetic or nylon bristle brushes.	

Technical Information

<u>Solids by Volume</u>	19.02%		
<u>AIM Category VOC Limit</u>	5.0 lb/gal (600 g/l)		
<u>Coating VOC</u>	2.59 lb/gal (310 g/l) – Minus Water and Exempt Materials		
<u>Material VOC</u>	0.73 lb/gal (87 g/l)		
<u>Density</u>	8.22 lb/gal (985 g/l)		
<u>Packaging</u>	5 Gallon pails, 1 Gallon cans		
<u>Physical Properties</u>	<u>Abrasion:</u> Good	<u>Mild Acids and Alkalis:</u> Excellent	<u>Water Resistance:</u> Excellent

Clean-up & Storage

<u>Cleanup</u>	Use soap and water	
<u>Storage Temperature</u>	Minimum 35°F	Maximum 110°F
<u>Shelf Life</u>	Under Normal Conditions (Unopened) – Two Years	

Safety & Important Information

WARNING! VAPOR HARMFUL. CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. HARMFUL IF SWALLOWED. CONTAINS: ETHYLENE GLYCOL MONOBUTYL ETHER AND PROPYLENE GLYCOL. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose and throat irritation. Harmful if swallowed. 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. Contains propylene glycol which may cause blood damage based on animal data.

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.

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.