



TECHNICAL DATA SHEET

Urethane Coat 146

WATERBORNE POLYURETHANE COATING 3:1

PRODUCT DESCRIPTION:

Veron Coating Systems Urethane Coat 146 is a waterborne two-part polyurethane coating. Urethane Coat 146 is a 3:1 ratio coating and has virtually no VOC. Urethane Coat 146 is chemical resistant to most moderate solvents and caustic chemicals. It also can be used where solvent coatings cannot be tolerated. Urethane Coat 146 has excellent gloss retention and exterior weathering. For use as a top coat on interior and exterior coating systems.

USES:

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|----------------------|-----------------------|-----------------|
| ? Over Deck Coatings | ? Interior Flooring | ? Office Floors |
| ? Patios | ? Restaurant Flooring | ? Walkways |

Use VC 155 Waterborne Epoxy Primer as primer over cool deck and concrete surfaces. For non-skid applications use Veron RS 40/60 Non-Skid Additive

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|-----------------------------|----------------------------|
| ? Satin and Gloss Finishes | ? Low Odor |
| ? Excellent Blocking | ? Low V.O.C. |
| ? Excellent Color Retention | ? Excellent Durability |
| ? Abrasion Resistant | ? Excellent Weatherability |

PACKAGING: 1 gallon kit = 3/4 gallon Part A and 1/4 gallon Part B
 4 gallon kit = 3 gallons Part A and 1 gallon Part B
 20 gallon kit = 3 – 5 gallon pails Part A and
 1 – 5 gallon pails of Part B

PHYSICAL PROPERTIES:

Colors	Clear Gloss and Satin Finishes
Vehicle	Polyurethane Coating 3:1
Thinner / Reducer	Water
Weight Solids	Gloss 48+/- .5% Satin 49+/- .5%
Volatile Organic Solvent	50 grams/liter maximum
Weight / Gallon	9.0 lbs/gal. +/- .2
Standard Coverage	350 – 400 ft ² / gallon
Finish @ 60 deg	Gloss 90, Satin 20
Viscosity (Kreb Units)	85-90 K.U.
Pot Life (77 F. & 50% Rel Humidity.)	30 – 45 minutes
Dry Time (77 F & 50% Rel. Humidity.)	To Touch: 2 – 3 hours To Recoat: 6 - 24 hours Light Traffic: 24 hours

SHELF LIFE:

Part A : Twelve months in unopened containers when stored at an ambient temperature of 75 degrees Fahrenheit at 0 - 90% humidity. DO NOT ALLOW TO FREEZE.

Part B : Six months in unopened containers when stored at an ambient temperature of 75 degrees Fahrenheit at 0 - 90% humidity. DO NOT ALLOW TO FREEZE.

THE WORLD'S MOST DEDICATED MANUFACTURER OF DECORATIVE FLOOR COATINGS

ACRYLICS – ACRYLIC URETHANES – POLYURETHANES – EPOXIES – MODIFIED CEMENT SYSTEMS



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CHEMICAL RESISTANCE CHART

Acids	Rating	Solvents	Rating
10% Hydrochloric Acid	F	Methyl Ethyl Ketone	F
25% Sulfuric Acid	G	Xylene	F
10% Acetic Acid	G	Toluene	F
		Isopropanol	F
Fuels, Lubricants, Hydraulic Fluids	Rating	Ethanol	F
Gasoline	E	Ethyl Acetate	F
Transmission Fluid	G*	Trichloroethylene	F
Brake Fluid	G*	Mineral Spirits	G
Skydrol	G	Naphtha	G
Jet Fuel A-1	G		
Motor Oil	E		
		Other Chemicals	Rating
Food And Beverages	Rating	Water	E
Coffee	E	Bleach	F
Milk	E	Sodium Chloride, Concentrated	G
Mustard	E*	Hydrogen Peroxide, 3%	G
Vinegar	G	TriSodiumPhosphate (TSP)	G
Vegetable Oils	E		
Beer	E		
Wine	E		
Whiskey	F		
Cola	E		

* Stains

Tests were conducted on samples cured 7 days at room temperature. This chart should be used to determine the effect of the chemicals illustrated all chemicals not listed should be evaluated separately. Samples were tested on a pigmented film applied over VC155p Waterborne Epoxy Primer. A ratings key is as follows:

<p>RATINGS E = Excellent G = Good F = Fair NR = Not Recommended</p>
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SURFACE PREPARATION:

Surfaces should be free of defects and contamination. All contaminants such as dirt, oils, wax and medium to heavy chalk must be removed to ensure proper adhesion to the substrate. All cleaners or removers must be rinsed clean from the substrate. Chipping or peeling paint must be removed prior to application of paint. Power wash or power brush severe substrate Mildew must be killed and removed by using a commercial mildew remover or with a solution of 1 cup of household bleach with 3 cups of tap water Rinse substrate thoroughly and allow to dry.

APPLICATION:

Brush, roll, or spray. Thin no more than 1 pint per gallon with ordinary tap water. For best results on concrete substrates, the surface should be primed using 1 thinned coat of Max-Bond 155 Waterborne Epoxy and 1 coat of Urethane Coat 146 Polyurethane Coating 3:1. On VerCrete 700 Deck Resurfacing System two coats of Urethane Coat 146 Polyurethane Coating 3:1 or Deck-Cote 122 Acrylic Coating is recommended. Do not apply coatings when weather conditions are below 50 degrees F. this will result in improperly cured films. Do not apply if surface temperatures exceed 100 degrees F. this will result in poor adhesion and excessive lap marks in the film.

CLEAN-UP:

Clean brushes, roller covers and spray rigs with ordinary tap water until wash water is clear. Clean up overspray with a mild soap and water solution.

Concrete: Use a soap solution and a wire brush this will remove most of the paint if it has not fully cured/dried. (Most systems take 2-7 days depending on the temperature and humidity.)

Dispose of all waste in accordance with local state and federal organizations.

KEEP OUT OF THE REACH OF CHILDREN.

This material is combustible keep away from flames.

Do not take internally. Immediately wash hands or any part of your body, which comes into, contact with this product. Wear appropriate protective equipment. Avoid breathing vapor, mist or fumes. Use appropriate respirator for solvent systems and use only in well ventilated areas. Do not use in tank or pit without proper protection. Use product in accordance with this product data sheet, any variance voids all warranties and liabilities. Read Material Safety Data Sheet before use of this product.

IMPORTANT NOTICE TO PURCHASER:

The information contained in this document is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of Veron Coating Systems, Inc. knowledge obtained from sources believed by Veron Coating Systems, Inc. to be accurate. Veron Coating Systems, Inc. does not assume any legal responsibility for use or reliance upon the information contained in this document. Qualified professionals must perform all product testing and applications. Before using any chemical product, read its Material Safety Data Sheet.

WARRANTY

This product is warranted to be free of defect to the original purchaser. Any unused product proven to be defective must be returned to the seller for replacement. Any warranty of this product is limited to the replacement of any purchased product that has been paid for in full and been shown to be defective. The seller or manufacturers only obligation shall be to replace such quantity of the product proven to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct, incidental or consequential, arising out of the use of or misuse of this product. Before using this product the applicator shall determine the suitability of this product for the intended use and the applicator assumes all liability whatsoever in connection therewith.

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