



TECHNICAL DATA SHEET

# Urethane-Seal 135

WATERBORNE ACRYLIC-URETHANE CLEAR SEAL

**PRODUCT DESCRIPTION:**

TCC Sales & Service Urethane-Seal 135 is a Waterborne Acrylic Urethane Gloss Finish specifically designed as a fast drying durable floor finish with excellent abrasion resistance. Urethane-Seal 135 has excellent UV Resistance, Gloss Retention and Exterior Weathering. For use on primed exterior concrete patios, polymer modified cement, driveways, walkways, garage floors or other concrete, masonry or cement substrates. Can be used to protect stripping paints in warehouses and parking lots from tire marking and dirt pick up.

**USES:**

- Decks
- Driveways
- Walkways
- Over Stripping Paint
- Garage Floors
- Patios

**Use Maxbond 155 Waterborne Epoxy Coating as primer over cool deck and concrete surfaces. For non-skid applications use Resin Sand Non-Skid Additive**

- Excellent U.V. Resistance
- Low Odor
- Glossy Finish
- Low V.O.C.
- Excellent Blocking
- Excellent Durability
- Excellent Color Retention
- Excellent Weatherability
- Abrasion Resistant
- Chalk Resistant

**PACKAGING:** 1 gallon and 5 gallon plastic containers.

**PHYSICAL PROPERTIES:**

<b>Colors</b>	Clear Gloss Finish
<b>Vehicle</b>	Acrylic Urethane Hybrid Systems
<b>Thinner / Reducer</b>	Water
<b>Weight Solids</b>	Gloss 25 +/- .5%
<b>Volatile Organic Solvent</b>	Less than 100 grams/liter maximum
<b>Weight / Gallon</b>	9.8 lbs/gal. +/- .2
<b>Standard Coverage</b>	250 - 300 sq.ft./gallon rough surface 300 - 350 sq.ft./gallon medium surface
<b>Finish @ 60 deg</b>	Gloss 85 - 90
<b>Hardness(Pencil)Cured@77°F</b>	2H
<b>Viscosity (Kreb Units)</b>	55-65 K.U.
<b>Dry Time</b> (77 F & 50% Rel. Humidity.)	To Touch: 30 - 45 minutes To Recoat: 2- 4 hours Light Traffic 2- 4 hours

**SHELF LIFE:**

Twelve months when stored at an ambient temperature of 75 degrees Fahrenheit at 0 - 90% humidity. DO NOT ALLOW TO FREEZE.

**DISTRIBUTER DECORATIVE AND PROTECTIVE CONCRETE COATING SYSTEMS**

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E-Mail [info@technicalcoatingsusa.com](mailto:info@technicalcoatingsusa.com)



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

**RATINGS**  
**E = Excellent**  
**G = Good**  
**F = Fair**  
**NR = Not Recommended**

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# ***Urethane-Seal 135***

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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. Do not add certain types of detergents and ammonia to the bleach / water solution. Rinse substrate thoroughly and allow to dry.

## **APPLICATION:**

Brush, roll, or spray. Thin no more than 1 pint per gallon with ordinary tap water. Do not apply coatings when weather conditions are below 40 degrees F. this will result in improperly cured films. Do not apply on exterior surfaces if surface temperatures exceed 100 degrees F. this will result in poor adhesion, bubbles 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 TCC Sales & Service, LLC. knowledge obtained from sources believed by TCC Sales & Service, LLC. to be accurate. TCC Sales & Service, LLC. 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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