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DESCRIPTION: Ultra Surface Sealcoat 1000 is a modified water-borne thermoplastic acrylic polymer system designed to provide a clear or pigmented, non-yellowing protective coating. It can be used on a variety of substrates including concrete, metal, brick, stucco, tile and most types of stone. It has excellent adhesion to all clean surfaces. It is durable and has good resistance to abrasion and chemical attack due to spillage of motor oil, hydraulic fluid, gasoline, grease, and various acids. It protects a surface against the damaging effects of weather, water penetration and other surface contaminants. It refracts ultra-violet light to reduce fading and provides a surface that is easier to clean to help maintain an attractive appearance. It is also used as a prime coat for Ultra Surface WB Urethane.

TYPICAL USES: It is most commonly used on driveways, patios and walkways. It is applied as a topcoat sealer over the Ultra Surface Polymer Concrete Fine Broom Finish, Swirl Pattern and Trowel Knockdown Texture applications and Ultra Surface Colorcoat 100 or Acrylic Concrete Stain, especially on driveways to reduce tire marking and to improve stain resistance. It is also popular for sealing over decorative acid stain applications followed by a topcoat of Ultra Surface WB Urethane. For acid stain applications it works best when sprayed using an airless or HVLP sprayer.

SURFACE PREPARATION: The surface must be cleaned of all dirt, oil, grease, wax, loose paint and any other contaminants that may interfere with bonding. Scrub with detergent, acid wash, neutralize and pressure wash to clean and rinse.

METHODS OF APPLICATION: The most common method is to spray the Sealcoat 1000 at an 80% coverage rate using a good quality pump-up sprayer and then to follow immediately behind with a soft flag-tip broom or paint roller to fill in the remaining 20%. Apply in thin even coats and do not allow to puddle. Pour the Sealcoat 1000 through a paint strainer before spraying. A second coat can be applied within one to two hours after the first coat.

COVERAGE RATE: 300-400 sq. ft. per gallon over most unsealed surfaces. Over sealed or painted surfaces the coverage rate should be 400-600 sq. ft. per gallon.

MIXING INSTRUCTIONS: Sealcoat 1000 clear does not need mixing and should be applied undiluted. Always pour through a paint strainer before spraying to prevent clogs.

APPLICATION INSTRUCTIONS: The most common uses for the Ultra Surface Sealcoat 1000 are described below. Do not allow to get wet for at least 24 hours after application and do not allow to puddle. Apply in thin even coats.

1. POLYMER CONCRETE BROOM FINISH
First apply a Squeegee/Bond Coat and Fine Broom or Swirl Pattern Finish using the Ultra Surface Polymer Concrete. Be sure to pigment the polymer concrete to the same color as the Colorcoat 100 or Acrylic Concrete Stain color to be used to achieve the best results.

ULTRA SURFACE SEALCOAT 1000

Technical Information

Composition

Weight per gallon	8.4 lbs.
Flash Point	None

Performance Properties

Salt Resistance Test - ASTM B 117 - No effect after 600 hours of accelerated salt spray exposure.
Weather Resistance Test - ASTM D822 - No effect after 500 hours in accelerated weathering test.
Temperature Resistance: Dry - 250 degrees F.
[Continuous]

Drying Time

Tack Free	30 min.- hour
Recoat Time	2-4 hours
Light Foot Traffic	12 hours
General Traffic	24 hours

Packaging - One gallon and five gallon Pails.

Shelf Life - 1-2 years in sealed containers, above 45 degrees F, below 100 F. Do not let freeze.

Warranty and Liability - It is the applicators responsibility to make his or her own assessment to determine the products suitability for a particular purpose. Our liability is limited to the purchase price of any product proven to be defective. No other warranties are made concerning the product, whether expressed or implied, or statutory, such as warranties of merchantability of fitness for a particular purpose.

POLYMER CONCRETE BROOM FINISH APPLICATION CONTINUED

When the polymer concrete texture coat dries (within a few hours) Ultra Surface Colorcoat 100 or Acrylic Concrete Stain can be applied in the desired color. Colorcoat 100 can be diluted with 1-2 parts water and sprayed over the Fine Broom or Swirl Pattern texture using a pump up or airless sprayer followed immediately with a soft flag-tip broom (see the Colorcoat 100 Technical Data Sheet for application instructions). Ultra Surface Acrylic Concrete Stain should be applied undiluted in two coats using a roller or airless sprayer (see the Acrylic Urethane Technical Data Sheet for application instructions). For the final coat apply a topcoat seal of Ultra Surface Sealcoat 1000 Clear in one or two coats using the sprayer and broom method.



Apply a Squeeze/Bond Coat of Ultra Surface Polymer Concrete over the surface.



Apply a Fine Broom Finish or Swirl Pattern Finish over the dry Squeeze/Bond Coat.



Apply Colorcoat 100 diluted with 1-2 parts of water using a sprayer and a soft broom. When dry apply a topcoat of Sealcoat 1000 clear.

2. ULTRASURFACE POLYMER CONCRETE TROWEL KNOCKDOWN FINISH

After applying a Squeeze/Bond Coat and a Trowel Knockdown Texture of the Ultra Surface Polymer Concrete, the next step is to apply two coats of Colorcoat 100 or Acrylic Concrete Stain to achieve a uniform, stain resistant finish. When colorcoating over the Trowel Knockdown Texture (Spray Texture) the Colorcoat 100 should be applied undiluted to achieve the best uniformity and maximum chemical and stain resistance. The best method for applying the Colorcoat 100 or Acrylic Concrete Stain over the Trowel Knockdown Texture is a 1/2- 3/4" nap paint roller. Roll it as thin as possible to achieve the best coverage rate. For driveways a topcoat seal of Sealcoat 1000 clear should be applied for extra stain resistance against oil and tire marks. When applying the Sealcoat 1000 over the trowel knockdown texture it will work better to use a roller behind the sprayer instead of the soft broom.



Spray the Ultra Surface Trowel Knockdown Mix using a hopper gun sprayer.



Trowel the sprayed Trowel Knockdown Mix to achieve the desired texture.



Apply two coats of Colorcoat 100 using a 3/4" nap roller. Option: Apply Sealcoat 1000 clear.

Slip Resistance: Ultra Surface Sealcoat 1000, Colorcoat 100 and Acrylic Concrete Stain can become slippery when wet. It is up to the end user to determine the suitability of these and other Ultra Surface Products for his or her particular application. Slip resistant granules such as #80 white aluminum oxide can be broadcast into the wet colorcoats and sealers to provide whatever degree of slip resistance is necessary. Concrete Solutions or its sales agents will not be responsible for injuries incurred in a slip fall situation.

Clean up: Clean tools, equipment and hands immediately by flushing with water. Clean stubborn mineral deposit stains around pool decks using Sure Clean Heavy Duty Concrete Cleaner. Call for details.