



Sealcoat 1000

Data Sheet

Part # 1000CL, S1000B

DESCRIPTION: Sealcoat 1000 is a modified water-borne thermoplastic acrylic polymer system designed to provide a clear, non-yellowing protective coating. It has good resistance to abrasion and chemical attack due to spillage of motor oil, hydraulic fluid, gasoline, grease, and various acids. This durable coating protects a surface against the damaging effects of weather, water penetration and other surface contaminants. It provides a surface that is easier to clean to help maintain an attractive appearance. It is also used as a prime coat for WB Urethane.

TYPICAL USES: It is most commonly used on driveways, patios and walkways. It is applied as a topcoat sealer over Polymer Concrete Fine Broom Finish, Swirl Pattern and Trowel Knockdown Texture applications 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 WB Urethane. For acid stain applications it works best when sprayed using an airless or HVLP sprayer.

FEATURES & BENEFITS:

- Non-yellowing protective coating
- Excellent adhesion to clean surfaces
- UV stable – refracts ultra-violet light to reduce fading
- Good chemical and abrasion resistance
- Can be applied with airless sprayer and with a soft, flag-tip broom or with a 1/2 – 3/4" nap paint roller

CHEMICAL PROPERTIES:	Test	Result
Specific Gravity (grams/cc)	ASTM D-792	1.01
Solids by Volume (%)		22
Solids by Weight (%)		25
Recoat, minimum		1 – 2 hrs
Tack Free		30 – 60 min
Walk on Time (light foot traffic)		12 hrs
Return to Service Time (vehicle traffic)		24 hrs
Coverage Rate per Gallon		300 – 400 sqft over most unsealed surfaces 400 – 600 sqft over sealed or painted surfaces
Color		clear
Shelf Life - Unopened Containers		1 – 2 yrs

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.

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 Sealcoat 1000 are described below. Do not allow to get wet for at least 24 hours after 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 1 – 2 hours after the first coat. 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.

CONCRETE SOLUTIONS® SEALCOAT 1000 (continued):

1. POLYMER CONCRETE BROOM FINISH

First apply a Bond Coat (Resurfacer) and Fine Broom or Swirl Pattern Finish using the Polymer Concrete. Be sure to pigment the polymer concrete to the same color as the color as the Concrete Colorcoat or Acrylic Concrete Stain color to be used to achieve the best results. When the polymer concrete texture coat dries (within a few hours) Concrete Colorcoat or Acrylic Concrete Stain can be applied in the desired color. Concrete Colorcoat 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 Concrete Colorcoat Technical Data Sheet for application instructions). 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 Sealcoat 1000 Clear in one or two coats using the sprayer and broom method.



Apply a Bond Coat (Resurfacer) of Polymer Concrete over the surface.



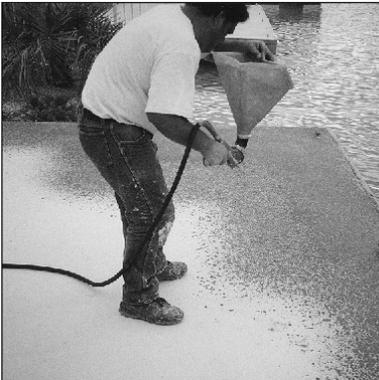
Apply a Fine Broom Finish or Swirl Pattern Finish over the dry Bond Coat (Resurfacer).



Apply Concrete Colorcoat diluted with 1 – 2 parts of water using a sprayer and a soft broom. When dry, apply a topcoat of Sealcoat 1000.

2. POLYMER CONCRETE SPRAY TEXTURE FINISH

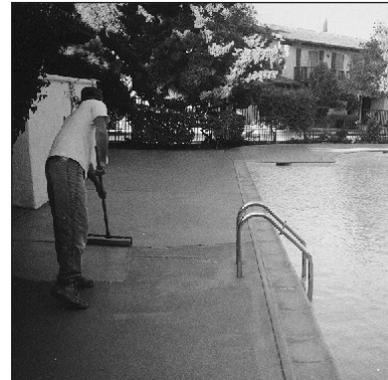
After applying a Squeegee/Bond Coat and a Trowel Knockdown of the Polymer Concrete, the next step is to apply two coats of Concrete Colorcoat or Acrylic Concrete Stain to achieve a uniform, stain resistant finish. When colorcoating over the Trowel Knockdown Texture (Texture-Top™), the Concrete Colorcoat should be applied undiluted to achieve the best color uniformity and maximum chemical and stain resistance. The best method for applying the Concrete Colorcoat or Acrylic Concrete Stain over the Trowel Knockdown 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 Trowel Knockdown Mix (Trowel-Top) using a hopper gun sprayer.



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



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

CHEMICAL RESISTANCE:

Salt Resistance Test
Weather Resistance Test
Temperature Resistance

ASTM B-117
ASTM D-822

No effect after 600 hrs of accelerated salt spray exposure
No effect after 500 hours in accelerated weathering test
Dry - 250°F [continuous]

SUBSTRATES: Concrete, metal, brick, stucco, tile and most types of stone.

CONCRETE SOLUTIONS® SEALCOAT 1000 (continued):

COLOR OPTIONS: Clear

HOW SUPPLIED: Sealcoat 1000 is packaged in 1 gallon and 5 gallon pails.

STORAGE: 45°F (7°C) > 100°F (38°C). Do not let freeze.

SLIP/FALL PRECAUTIONS: Sealcoat 1000, Concrete Colorcoat and Acrylic Concrete Stain can become slippery when wet. It is up to the end user to determine the suitability of these products for their 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.

SAFETY PRECAUTIONS: Health Considerations: Consult the Rhino Linings® Safety Data Sheets (SDS)

Chemical systems require the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS and Safety Manual for detailed information and handling guidelines.

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