COOL POOL COATING™

A COMPOSITE COATING FOR HORIZONTAL CONCRETE SURFACES
Material Property Data Sheet

Bulletin 2537739-FCB **MAY 2013**

PRODUCT INFORMATION

Typical Use	COOL is a two-part, patent-pending, water-based coating that is easily applied over prepared concrete surfaces. When applied to a properly prepared substrate, COOL provides years of low-maintenance service, imparting an ADA-compliant*, monolithic textured finish. COOL is an excellent choice for concrete pool decks, patios, walkways, concrete floating docks, rooftop terraces, and anywhere a cooler, skid-resistant surface is desired. * ADA-compliance for skid-resistance.
Package/Kit Size	Partial 5-gallon container containing approximately 2.7 gallons of material. Color is attained by adding 1 gallon of 100% acrylic semi-gloss paint of the customer's color choice to the kit.
Color Range	**Pigment:** Determined by paint color choice.
Composition	**Components:** **Resin blend:** Stabilized acrylics within a continuous aqueous phase. **Organics:** Proprietary organics, silicates, and other additives. **Binder:** Water-based polymer blend. **Solvent:** Water.
VOC Content	Approximately .003% total weight
Volume Solids	80-87% depending upon paint selection.
Mixing	Using the 5-gallon pail supplied, the resin blend is blended with one gallon of paint (not supplied). Thereafter, the organics are gradually introduced creating a high-viscosity coating that can be applied immediately.
Application Method	COOL can be sprayed, but it is recommended that it be applied using a ½" nap roller. Apply the first coat of COOL by pouring from the pail in an "S" pattern and rolling out in a smooth manner. Back roll or back brush the coating to insure complete coverage of the substrate. Allow drying. Apply a second, thinner coat in a manner that achieves the desired texture. Top coat with two coats of a clear acrylic sealer.
Pot Life	6 hours at 70°F if left open and exposed.
Storage and Expected Useful Life	Seal container tightly and store in dry, cool space. Depending on ambient temperature, the contents will store for up to three weeks.

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Film Thickness	Approximately 10-12 dry mils when two coats are properly applied.
Drying Time	Applied at 80°F ambient outdoor temperature and 50% humidity: 8 minutes.
Coverage	Each kit completes up to 200 square feet. Factors affecting actual coverage include the condition of the substrate, climate, and application technique.
Clean Up	Clean brushes, rollers, and other tools thoroughly with water.

SURFACE PREPARATION

A successful application begins with a properly prepared substrate. Ensure that the surface is completely dry, clean, and free from any grease, oil, dirt, or loose coatings. Acceptable preparation methods include scarification, pressure washing, acid washing, TSP application, or a combination of these. Encore offers an environmentally-friendly product, called TripleCrown and recommends this product for use on bare concrete surfaces. For more information on proper preparation techniques, consult manufacturer recommendations and the Encore website.

OTHER RECOMMENDATIONS/REQUIREMENTS

Inclement Weather	Do not apply within eight hours of expected rainfall.
Best time to apply	Apply early in the morning, after temperature rises above 40°F. Stop work once temperatures rise above 90°F. Resume work in the afternoon when temperature returns within recommended working temperatures.
Safety	Follow safety procedures that are consistent with the use of water-based paints. Don't ingest. Don't consume. Don't allow inexperienced personnel to use. After use, clean tools thoroughly. Seal contents tightly and store in dry, cool area that is out of the reach of children.
Achieving Color Consistency	Box/blend multiple kits together to achieve better color consistency.
Apply Clear Sealer	Apply coat of clear acrylic concrete sealer immediately after the second coat of Cool has dried. Solvent or water-based sealers are acceptable.
Other	Do not apply to substrates that are submerged or below grade.

What to Expect from Cool

Customers who choose light to mid pastel colors can expect to see temperature reductions in the 30-40% range. Darker colors absorb more heat and will have lower heat abating properties. Cool does not reflect heat, but rather draws it through the substrate and dissipates it through the soil below. This unique feature helps keep the entire outdoor area cooler, including the localized ambient air temperature.

Patent-Pending.
Cool is a trademark of Encore Coatings, LLC

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