LIFE SPECIALTY COATINGS Est. 1963

COLOR COATINGS
TECHNICAL DATA SHEET

28 SERIES - COOL LIFE® TOP COAT

A 100% Acrylic Heat Reflective Coating.

DESCRIPTION

The 28 Series is a premium, quick drying, 100% Acrylic Concrete & Masonry pigmented sealer formulated to reflect infrared rays (IRR Coating) and for sealing concrete and masonry to provide resistance against water, alkalis, acids, ultra-violet light and staining.

FEATURES & BENEFITS

- Infrared (IRR) Heat Reflective
- Fast Drying
- Water Based- Easy Water Clean-Up
- Chemical, Alkali, and Moisture Resistant
- UV Resistant
- Excellent Hide and Color Retention
- Low VOC/Environmentally Friendly
- Passes ASTM D 2047-82, Slip Resistance
- Resistant to Ponding Water

USES

- Concrete Floors
- Pool Decks
- Wood Decks
- Patios
- Topcoat for All Life Specialty Coatings Product Waterproofing Systems Excluding LD 2000

PACKAGING & SHEEN

- 1 Gallon
- 5 Gallons
- Satin Sheen

COVERAGE

28 Series may be rolled, brushed or sprayed and the coverage will vary. Up to 300 square feet per gallon on a smooth surface and between 125-250 sq ft per gallon on a rough surface. Product may be thinned slightly with a small amount of water, in which case 2 coats are recommended.

TECHNICAL & PHYSICAL PROPERTIES

Physical Property	Result	Physical Property	Result
VOC	<50 grams per liter	Flash Point	>200°F
Type	Acrylic Resin	Diluent	Water
Solids	46-49% Weight 34-37% Volume	Viscosity	90-95 KU'S @ 77°F

DIRECTIONS

LIMITATIONS

- DO NOT INSTALL ANY PRODUCT IF THE TEMPERATURE IS BELOW 55°F.
- RAIN MAY DAMAGE UNCURED PRODUCTS. IF INCLEMENT WEATHER THREATENS, COVER DECK TO PROTECT NEW APPLICATION.
- DO NOT ALLOW ANY NON-APPLIED PRODUCT TO FREEZE.
- DO NOT PAINT OVER MILDEW. MILDEW IS A FUNGUS, BROWN, BLACK, GREY OR EVEN WHITE IN COLOR, AND WILL RAPIDLY GROW THROUGH ANY COATING APPLIED OVER IT. A SOLUTION OF 50% HOUSEHOLD BLEACH AND 50% WATER WILL KILL THE MILDEW. RINSE THOROUGHLY. SEE PRECAUTIONS ON BLEACH LABEL FOR HANDLING BEFORE USING.

DIRECTIONS

PREPARATION & APPLICATION

CONCRETE, CONCRETE DECKS, FLOORS AND WALKWAYS.

- New concrete must age for a minimum of 30 days. Cool temperatures and high humidity may require a longer cure time. Remove all grease, oil and wax with T. S. P. Solution. (One pound of T. S. P. to 1 gallon of water.) Scrub with stiff bristle broom until surface is thoroughly clean. Rinse thoroughly with clear water. Power wash all concrete with a minimum 3000 psi. pressure washer, spray tip should be no further than 6" from concrete surface. Prepare surface to achieve a CSP of 2 to 4 as per ICRI Guideline 310.2 R-2013. Let dry thoroughly before applying coating.

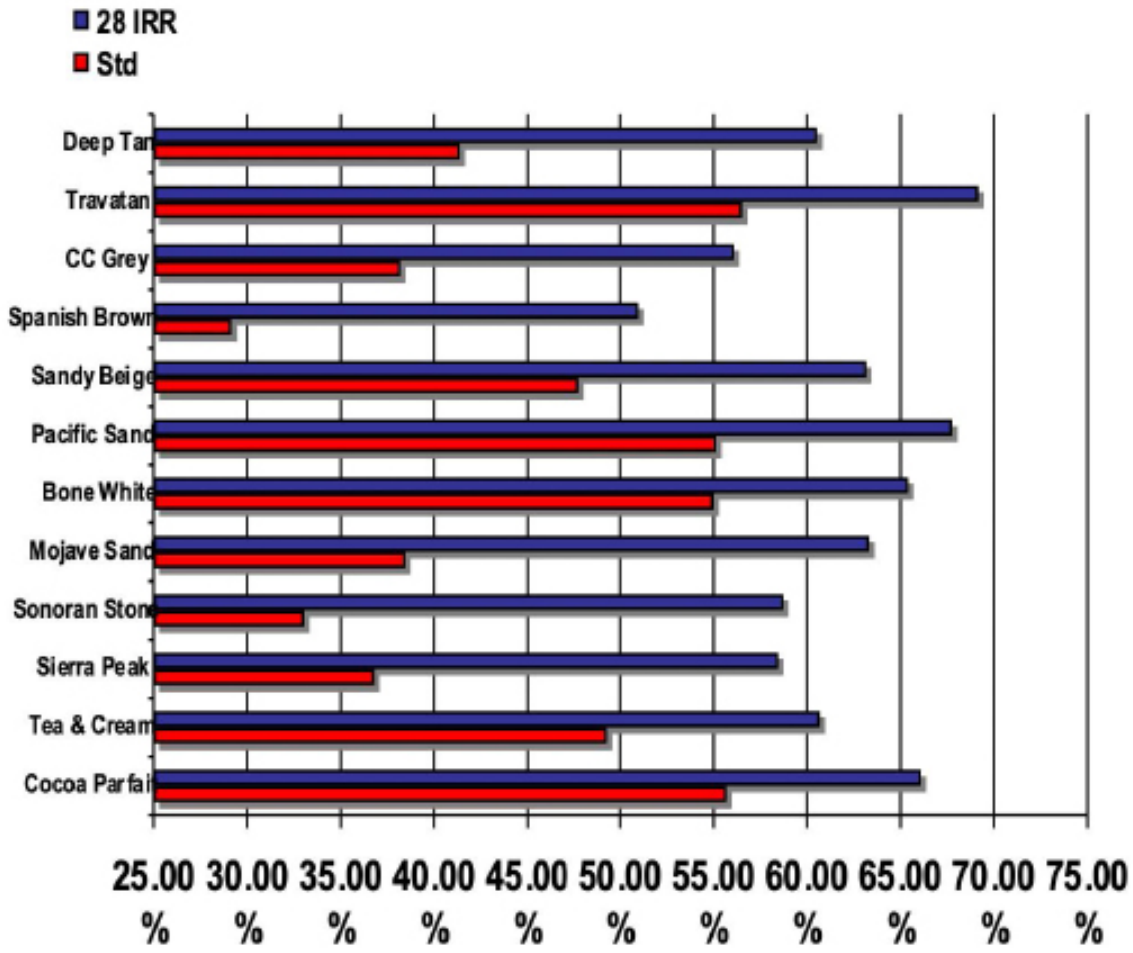
FOR INTERIOR AND/OR HARD TROWELLED CEMENT:

- LIQUID ETCHING METHOD: Etch all unpainted cement with Life Specialty Coatings Liquid Grind® (follow Liquid Grind technical data sheet) to achieve a CSP of 2 to 4 as per ICRI Guideline 310.2 R-2013. Once Liquid Grind is finished activating, rinse thoroughly and dispose with water according to local waste, storm water, and/or sewage laws. When rinsing, Liquid Grind may still etch areas of runoff. A properly etched concrete surface should resemble the texture of fine or medium sandpaper. Let dry thoroughly before applying coating.
- MECHANICAL ETCHING METHOD: Use a grinder or bead blaster with a dust filter, or vacuum attachment, evenly over the surface. A small hand grinder may need to be used where horizontal meets vertical substrates. Rinse thoroughly using a pressure washer to remove all remaining dust and residue. A properly prepared concrete surface will achieve a CSP of 2 to 4 as per ICRI Guideline 310.2 R-2013 Let dry thoroughly before applying coating.
- Glossy Surfaces: Roughen gloss by sanding; then wash with a T.S.P. solution and rinse thoroughly with water.
- PREVIOUSLY PAINTED SURFACES: Clean all surfaces and roughen all glossy surfaces by sanding. Clean all surfaces thoroughly with a t.s.p solution and then rinse thoroughly with water. Do not paint over loose or peeling paint. 25 series pigmented water based epoxy primer may be used as a primer if necessary. Please see 25-28 specification for full application details.
- UNPAINTED SURFACES:For best results, and when necessary, prime all surfaces (28 series thinned by adding 1 quart of water to 1 gallon of 28 series product) to be coated. Caulk all cracks and nail holes.
- WOOD: Clean and primer all new wood with life's 1575 primer. Coat with 1-2 thin coats of 28 series.
- METAL: Clean and etch all new metal. Prime all bare metal with 7075 primer.
- Box and mix all containers to insure consistent color. Neatly cut-in all edges with a brush and roll the main area using a 1/2" to 3/4" nap, good quality roller cover. Be sure to spread evenly in a "v" pattern, rolling in both directions. It is best not to apply this product in the direct sun at temperatures above 80°F. Thinning slightly with water and applying thin coats will help avoid streaks when working in direct sun. (see specifications for more application details).
- Allow six (6) hours between coats and light foot traffic. Normal foot traffic after twenty-four (24) hours. Allow vehicle traffic after seven (7) days. Allow forty-eight (48) hours before placing heavy objects on the surface. Cool temperatures and high humidity may require a longer cure time.

MAINTENANCE

- CLEAN UP SPILLED AND UNDRIED PRODUCT IMMEDIATELY WITH WATER.
- CLEAN HANDS AND SKIN WITH WARM WATER AND SOAP.
- MOST STAINS WILL CLEAN-UP WITH TSP, A BRUSH, AND WATER. WE RECOMMEND A RE-COAT EVERY 2-5 YEARS, DEPENDING ON TRAFFIC AND EXPOSURE TO THE SUN.
- REPAIR: REPAIRS MAY BE DONE BY GRINDING OFF THE DAMAGED AREA AND REPLACING THE MATERIAL AS WRITTEN IN THIS INFORMATION GUIDE.

TEST PROCEDURES: The graph below represents infra-red reflectivity, ASTM C 1549. The 28 Series Cool Life and a standard coating of the same color were applied evenly over a smooth substrate. Then, the infra-red reflectivity was measured with a Devices & Services Solar Spectrum Reflectometer machine. The machine measures Infra-Red Solar Reflectivity and is the same testing required by agencies such as Cool Roof Rating Council (CRRC) to measure roof coatings and their reflectivity.



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Life Paint Company DBA Life Specialty Coatings guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. LSC makes no other warranty, expressed or implied, and all warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product. Manufacturer shall not be liable for material used outside of its shelf life. For product dating, please refer to the batch number on the product or contact Life Specialty Coatings.