

technical Information

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ProTek - CRETESEAL™ URETHANE ACRYLIC WITH SILICONE COMMERCIAL GRADE CONCRETE SEALER, STAIN & PRESERVATIVE

PRODUCT DESCRIPTION

ProTek-CRETESEAL™ is a high-performance commercial grade concrete, masonry & deck coating and stain; a low V.O.C. waterborne formulation of acrylic and urethane resins with a silicone additive. New technology gives the convenience of water clean up and surpasses the durability of solvent-based paints and stains. Excellent penetration on porous surfaces and superior adhesion on non-porous or compatible previously coated surfaces. **CRETESEAL™** contains a high concentration of urethane resin, which provides for increased water and chemical resistance plus superior resistance to ultraviolet degradation. Film hardness is also increased due to the urethane, which results in excellent mar, scratch and abrasion resistance. Contains silicone for protection against "hot tire pick up". **CRETESEAL™** dries to a beautiful decorative satin finish and is also available in a non-yellowing, clear gloss sealer finish. An easily maintained, protective finish that will last for many years. Excellent recoatability.

PRODUCT USES

CRETESEAL™ can be used as a Concrete Paint, Concrete Stain, Brick Sealer and/or Floor Paint on most any interior or exterior masonry/concrete surfaces such as walls, driveways, patios, courts, floors, walkways, pool decks, and much more. Can also be used on either uncoated or previously painted or stained surfaces. Can be used on asphalt surfaces but in some cases requires multiple coats. Fresh concrete must cure at least 28 days before being stained. See **ProTek-FASTCURE & SEAL™** to cut this time period to 1 day. **CRETESEAL™** may not be compatible over some previously coated surfaces such as products with silicone. To insure compatibility, test a small area and check after 48 hours.

SURFACE PREPARATION

For proper adhesion and penetration it is essential that the surface be properly prepared. Surface must be pressure washed with at least 1500 P.S.I. to remove all loose surface material. Acid etching is recommended on all surfaces after pressure cleaning. Follow product directions and precautions on Muriatic Acid Container. Smooth surfaces must be acid etched at least twice to insure proper penetration. Rinse well with water and allow to dry completely, at least 12 hours, before applying **CRETESEAL™**. The surface must be dry and free of all wax, grease, oil, dirt, loose or flaking material, acid substance and soap deposits.

(Request detailed "Staining & Painting Concrete" Application Instructions or visit

www.protek-usa.com/contractors/tips.htm

APPLICATION PROCEDURE

Stir contents thoroughly. Intermix colors for greater consistency. Apply either with roller, brush or sprayer at temperatures above 40°F. Do not apply to hot surfaces, when humidity is very high or it is likely to rain within 4 hours. Apply uniformly and do not leave puddles or build-ups. Clean all tools immediately after use with warm, soapy water.

POROUS or UNCOATED SURFACES:

Thin the first coat with 1 pint (1 to 8 ratio) of water per gallon of **CRETESEAL™** to achieve maximum penetration. Let first coat dry at least 4 hours and apply a second coat of **CRETESEAL™** at full strength as it comes from the container.

PREVIOUSLY COATED or PRIMED SURFACES:

Apply first and second coats at full strength without thinning. Wait at least 4 hours between coats, but recoat within 24 hours to insure proper bonding between coats. Let final application dry at least 24 hours before light traffic (foot traffic) and at least 4 days before heavy traffic (vehicle traffic). High humidity or rain (moisture) will increase cure time.

PROBLEM SOLVING

There are too many critical variables of and unknown (to us) conditions of the concrete to be coated (e.g. bad concrete, old concrete, moist old concrete, etc.) which may lead to problems not associated with our product. Applying a coat of **ProTek-CRETELOCK™** Primer & Troubleshooter to the affected area(s) before applying **CRETESEAL™**, will solve most any problem.

Due to many critical variables of and unknown (to us) conditions not associated with our product, there is NO WARRANTY expressed or implied for this product.

PHYSICAL PROPERTIES

Finish: Satin

Color: White, Deep & Clear Base - Tintable

Dry Time: TO TOUCH: 2 to 4 Hours
@ 77°F TO RECOAT: 4 to 6 Hours

FULL CURE: 5 to 7 Days

Vehicle Type: Copolymer Emulsion

Solids by Volume: 32% +/- 2%

Solids by Weight: 42% +/- 2%

V.O.C's : (averages): 1.3lbs/gal (158gr/liter)

Gallon Weight: 10.6 lbs. +/- .3lbs.

Sizes: 1 Gal., 5 Gal., 55 Gal.

APPROXIMATE COVERAGE

250 to 300 sq.ft./gal./coat

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