

CIPADECK® CURE & SEAL SILANE

DESCRIPTION

CIPADECK® Cure & Seal Silane is a solvent based acrylic curing and sealing compound for new and existing exterior concrete that also contains silane. It is designed to cure new concrete in accordance with ASTM C-309 requirements and to help protect concrete from deterioration due to the intrusion of water, salts and deicing chemicals in a single “ONE STEP” application. Conventional silane application involves costly removal of curing compounds prior to applying or time consuming wet curing of concrete. This solvent based cure and seal Silane is formulated to meet the requirements of the OZONE TRANSPORT COMMISSION (OTC) in effect as of January 1st, 2005 in the USA and September 9th, 2010 in Canada.

WHERE TO USE

CIPADECK® Cure and Seal Silane can be used on all exterior concrete whether new or old. Areas of application are, but not limited to stamped, colored concrete, concrete sidewalks, elevated decks, and parking garage floors.

BENEFITS

- effectively cures new concrete
- helps to protect concrete by forming an effective chloride ion screen
- helps to prevent concrete scaling and spalling
- UV stabilizers in product prevent yellowing
- improves uniformity and depth of color in colored concrete flatwork.
- effective on both horizontal and vertical surfaces
- available in Anti-slip finish
- V.O.C. <350gms./L.

APPLICATION

SURFACE PREPARATION

Thoroughly mix prior to using. The product is packaged ready to use - do not dilute with solvent or water. Spray application is recommended. Prior to using sprayer assure it is clean and dry.

*Sprayer must be resistant to acetone solvent. Use a Chapin X-treme™ sprayer or similar acetone resistant sprayer complete with a fan tip nozzle rated 1 gal./min.

OLD CONCRETE

Clean thoroughly with concrete compatible detergent (such as Sure Klean #600 Detergent) and high pressure water, removing all oil, grease, dust and any other foreign material. Allow to dry then apply product at the recommended coverage rates listed.

NEW CONCRETE

Apply a minimum of 3 hours after the concrete has received final finishing and all surface water has dissipated. Apply uniformly in a single saturating application leaving no puddles, pinholes or gaps.

STAMPED CONCRETE

Powerwash, scrub and flush away all release and powder from surface. Allow to surface dry prior to application for best results. Apply in a single uniform application at the recommended coverage rate. The next day application of CIPADECK® Cure & Seal is highly recommended for maximum protection and uniform finish.

Drying time at 21° C (70°F) and 50% R.H. is:

- Dry to touch – 4-5 Hours
- Foot Traffic – 12 Hours
- Re-Coat time - 24 Hours

Prior to application verify rain free weather for a 24 hour period after application of each coat.

LIMITATIONS

CIPADECK® Cure and Seal Silane is not recommended for:

- concrete to receive carpet, tile, paint or other bonded overlays
- interior applications of occupied buildings
- application as a chemical resistant coating
- areas where solvent exposure is a service condition
- application to carbonated concrete
- application in direct sunlight
- application in extreme temperatures
- application during high winds
- application below 10°C (50°F)
- interior concrete floors with a hard steel trowel finish

COVERAGE

STAMPED CONCRETE

First Coat CIPADECK® Cure & Seal Silane
5m²/L/(200ft²/U.S. Gal)

Second Coat CIPADECK® Cure & Seal
7.4m²/L(300ft²/U.S. Gal)

NEW CONCRETE -5m²/L (200ft²/U.S. Gal)

OLD CONCRETE - 5m²/L/200ft²/U.S. Gal)

STANDARDS

Manufactured to comply with ASTM C-1315, Type 1, Class A, ASTM C-309, Type 1, AASHTO M-148, Type 1. Complies with National Volatile Organic Compounds Emission Standards for Architectural Coatings, Federal EPA Regulation 40 CFR Part 59. Complies with the Ozone Transport Commission Volatile Organic Compound Emission Standards. The V.O.C. content is <350gms./L.

PACKAGING

205L drum (55 U.S. gal) - 205 kg (452 lbs.)

18.9L pail (5 U.S. gal) - 19 kg (42 lbs.)

CLEAN UP

Clean all equipment and tools with CPD® Xylol prior to material set. CAUTION: CPD® Xylol is a flammable solvent. Review Safety Data Sheet prior to use.

STORAGE

Store containers indoors at normal warehouse temperatures away from heaters and sources of ignition. If only part of container is used at any one time secure lid directly after using. DO NOT expose product to moisture or atmosphere - keep sealed.

SHELF LIFE

One year from the date of manufacture when stored in original unopened container under normal warehouse conditions.

SAFETY PRECAUTION

Flammable Liquid. Consult Safety Data Sheet for instructions on safe handling. SDS # 398.

WARRANTY

The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job-conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose.

CPD® makes no warranties with respect to this product, expressed or implied, without limitation, the implied warranties of merchantability or fitness for a particular purpose.

CPD®'s liability shall be limited in all events to supplying sufficient product to re-treat and/or repair the specific area to which CPD® product has been applied. CPD® reserves the right to have the true cause of any difficulty determined by accepted test methods. CPD® shall have no other liability, including liability for incidental, consequential or resultant damages, however caused, whether due to breach of warranty, negligence, or strict liability.

THIS WARRANTY MAY NOT BE MODIFIED OR EXTENDED BY REPRESENTATIVES OF CPD®, ITS DISTRIBUTORS OR DEALERS.