

CIPADECK® L

DESCRIPTION

CIPADECK® L (Lithium Silicate) is a premium clear penetrating liquid concrete densifier supplied in a ready to use form. This high-quality product is used to densify and dust proof new and existing concrete floors.

WHERE TO USE

- densifying and dust proofing new and existing concrete floors
- suitable for use on concrete floors in warehouses, industrial plants, commercial and residential buildings
- floors incorporating shake on cementitious floor hardeners
- new concrete floors after full cure

BENEFITS

- generally, only one application required
- does not contain sodium or potassium silicates
- will not contribute to ASR (Alkali Silicate Reaction)
- will not absorb water or cause the floor to sweat
- water based, low odour, non-hazardous, non-toxic
- excellent vapour permeability (breathable)
- easy to maintain and clean floors. Water permeability is significantly reduced
- finished floor is environmentally sound
- surface gloss will be visible within one day, improves over time and under normal use
- will not flake or peel off
- UV stable, fast curing

PROPERTIES

Appearance	Clear Liquid
Specific Gravity.....	1.12
Flash Point	N/A
Weight per Gal.....	9.3lbs
Freeze Point	0°C(32°F)
VOC Content	0g/L
pH	10.0
Solubility in Water.....	100%

The above information is representative of typical values obtained under laboratory conditions. Variations can be expected due to on site conditions and/or other testing methods.

SURFACE PREPARATION:

Prior to the application of CIPADECK® L remove all dirt, curing compounds and other foreign material. **(DO NOT ACID WASH)**. For the removal of curing compounds and other coatings contact your local CPD® representative for recommendations. For general preparations use an alkaline concrete detergent.

APPLICATION

New Concrete Uncured & Cured Steel Troweled (For Surface densifying and dust proofing):

Allow concrete to dry thoroughly prior to the application of the CIPADECK® L. It is recommended that on-site testing be done to determine actual coverage rates. In hot dry weather, you can pre-wet with clean water. All free-standing water must be allowed to evaporate prior to application. Using a squeegee, low pressure sprayer, mop, push broom or micro fiber pad apply one saturating coat of CIPADECK® L at the recommended (predetermined) application rate. The concrete should be kept wet for a minimum of 10 minutes. If areas dry out prior to 10 minutes either move excess material to the location or reapply. One application is usually sufficient but if the concrete is very porous or of poor quality a second application may be required. This can be done within one to two hours of original application. At the end of 10 minutes, remove any residual material using a push broom or micro fiber pad to spread out any remaining liquid. If an enhanced shine is required, buffing and burnishing in both directions may be done once the surface of the treated floor has dried, usually 30 minutes to one hour. Use of an orbital floor machine or burnisher using a white, red or black pad is recommended in order to achieve the desired results.

Note: Allowing excess material to remain on surface may create white residue which must be removed immediately normally by rinsing.

LIMITATIONS

- CIPADECK® L is not a membrane-forming curing compound and does not conform to ASTM C-309 specifications.
- CIPADECK® L is alkaline in nature and can react with glass and aluminum.
- if concrete is carbonated then the surface material must be removed prior to application of the CIPADECK® L. If not, there may be insufficient reaction between the CIPADECK® L and the concrete substrate.
- floors may become slippery when wet, therefore care must be taken at all times during application procedures.
- as this product is alkaline in nature, proper protective clothing should be worn at all times during application. Read the Safety Data Sheet prior to proceeding with the application.
- do not dilute product, use as packaged
- will not hide surface imperfections or bridge hairline cracks
- not recommended for epoxy terrazzo.
- for application by approved Certified Professional Applicators
- Application temperatures: 5-35°C (41-95°F)

COVERAGE

Coverage is generally determined by a test application on site. However, listed below is basic coverage rates for reference purposes.

Cured concrete 28 days or older @ 10-15 m²/L (400-600 ft.²/ (U.S. gal.). Coverage will vary depending on the porosity of the concrete.

STANDARDS



Nonfood Compounds
Category Code R2
Registration #157061

PACKAGING

208L (55 U.S. gal) drum - 233 kg (514 lbs.)
18.9L (5 U.S. gal) pail – 21.2 kg (46.7 lbs.)

CLEAN UP

Clean all tools and equipment immediately after using with clean water. Dispose of cleaning water as per local requirements.

STORAGE

PROTECT FROM FREEZING- AT ALL TIMES.

SHELF LIFE

Two years stored under normal heated warehouse conditions in original unopened containers.

SAFETY PRECAUTION

Consult Safety Data Sheet for instructions on safe handling. SDS # 397

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.

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