

CIPADECK® LP

DESCRIPTION

CIPADECK® LP (Lithium Potassium Silicate Blend) is an economical clear penetrating liquid concrete densifier supplied in a ready to use form. The product is used to densify and dust proof concrete floors.

WHERE TO USE

- Densifying and dustproofing existing concrete floors.
- Suitable for use on concrete floors in warehouses, industrial plants, commercial and residential buildings.
- For floors incorporating shake on colored floor hardeners.
- For new concrete floors after full cure.

BENEFITS

- water based, low odour, non-hazardous, non-toxic
- economical solution for dust proofing and hardening concrete floors
- has good vapour permeability (breathable)
- easy to maintain floors plus water permeability is significantly reduced
- finished floor is environmentally sound

PROPERTIES

Appearance	Clear Liquid
Specific Gravity.....	1.08
Flash Point	N/A
Weight per Gal.	9.0 lbs
Freeze Point	0°C(32°F)
VOC Content	0g/L
pH	11.0
Solubility in Water	100%

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

SURFACE PREPARATION:

Prior to the application of CIPADECK® LP 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 Trowled (For Surface densifying and dust proofing):

Allow concrete to dry thoroughly prior to the application of the CIPADECK® LP. 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® LP at the recommended (predetermined) application rate. The concrete should be kept wet for a minimum of 10-15 minutes and should be continuously agitated into the concrete. If any areas dry in less than 15 minutes, then retreat with additional material. If the material becomes gel like prior to the 15 minutes, wet down and remove any excess with clean water. Clean up any residual product and dispose of according to local requirements. At the end of 15 minutes collect and remove any residual product which does not penetrate using a squeegee and wet vac. Allow treated surfaces to dry overnight then reapply as per the previous instructions. It is also recommended to broom the surface before this application using a stiff broom, power sweeper or floor scrubbing machine. If an enhanced shine is required, buffing and burnishing in both directions may be done the following day with an orbital floor machine or burnisher using a white, red or black pad. The floor must be thoroughly dry prior to this process. All collected residual material and waste water must be disposed of according to local requirements.

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

LIMITATIONS

- CIPADECK® LP is not a membrane-forming curing compound and does not conform to ASTM C-309 specifications.
- CIPADECK® LP is alkaline in nature and can react with glass and aluminum. Also, protect brick surfaces. All areas must be protected prior to application.
- if concrete is carbonated then the surface material must be removed prior to application of the CIPADECK® LP. If not, there may be insufficient reaction between the CIPADECK® LP 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 and stamped concrete.
- for application by approved Certified Professional Applicators

COVERAGE

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

Cured concrete minimum 28 days or older @ 5-7 m²/L (200-300 ft.²/US Gal.). Higher coverage rates will be achieved with the following application depending on the porosity of the concrete.

STANDARDS



Nonfood Compounds
Category Code R2
Registration #157062

Rev. 10.20

PACKAGING

208L (55 U.S. gal) drum - 225 kg (496 lbs.)
18.9L (5 U.S. gal) pail – 20.4 kg (45 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 # 506

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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