

## Description

CP- LH Densifier is premium nano- lithium based densifier/ liquid hardener formulated for concrete surfaces/ floor slabs. It is transparent, chemically reactive, water-based unique blend of silicate material which penetrates deep in the concrete surface to produce insoluble calcium silicate hydrate within the concrete pores. The increased surface hardness imparted by CP- LH Densifier improves the abrasion resistance, reduces the dusting & liquid penetration, resist tyre marks and reduce the overall maintenance of concrete floor. CP- LH Densifier prepares the treated surface for paints, adhesives and floor coverings.

## Technical information

1.	pH	Alkaline
2.	VOC content	NIL
3.	Appearance	Transparent
4.	Drying time	4- 6 hrs (at 20° - 25°)
5.	Light foot traffic	After 8 hrs of application
6.	Wheel traffic	After 24 hrs of application
7.	Packing	20 kg   50 kg   230 kg
8.	Coverage	5m <sup>2</sup> / Lt
9.	Shelf life	1 year from date of packaging

## Recommended applications

Warehouse floors	Factory floors
Commercial and retail floors	Distribution centre
Decorative concrete floors	Polished concrete

## Benefits

Surface hardening	Dust proofing	Low odor formula
No change in colour of concrete	Increases sheen of concrete surface	Reduces maintenance cost
Increases floor life	Increases performance of concrete floor	VOC free product

## Application method

- Concrete should be cured for minimum 7 days or as directed by the structural engineer before application of CP- LH Densifier. Curing of concrete slab should comply to the requirements as described in ACI 302. 1R- 15.
- Concrete surface should be free from dust, oil, contaminated water, etc. if curing compound applied for curing then it should be removed before the application.
- CP- LH Densifier should be applied with low pressure, high volume pump that will dispense the material evenly on the concrete surface.

## CONTACT US

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## CP- LH Densifier

- As CP- LH Densifier becomes slippery under foot after application, it is advised to apply fresh water and scrub with soft cleaning pad, soft broom or fibre pad for good results. This process should be continued for 30 minutes.
- Once the surface is dry, concrete surface should be cleaned thoroughly to remove all the surface alkali and CP- LH Densifier residue.
- CP- LH Densifier can be applied over the vertical surface. We recommend applying minimum 3 coats on the vertical surface.

### Precautions

- All pothole repair or surface repair work should be carried out before the application of CP- LH Densification with CP- Repair mortar.
- Application on coloured concrete should be done after 100% curing period.
- Wear protecting glasses during application, CP- LH Densifier must not come in contact with eyes and must not be consumed. However, this does not react on human skin immediately, its is advised to wash the skin immediately.
- Coverage of the CP- LH Densifier depends on the quality of concrete.
- The concrete surface which is abnormally porous may need EXTRA coats of CP- LH Densifier. This also applies on broom finish roads or scarifies floors.
- CP- LH Densifier should not be applied on extremely porous surfaces or surfaces which contain air pockets, holes, etc.
- Do not use CP- LH Densifier as curing agent.
- CP- LH Densifier does not changes the natural colour of concrete surface.

### Note

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our Company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products. However, as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

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