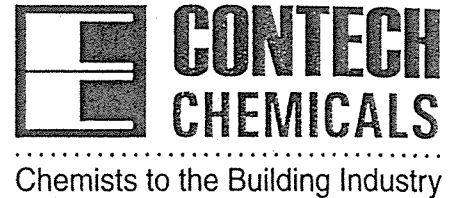




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# FLORSEAL-LI

## LITHIUM BASED DUST PROOF CONCRETE FLOOR HARDENER

### DESCRIPTION

Florseal-LI is a Lithium silicate based concrete densifier / hardener. Florseal-LI penetrates into the pores of concrete surfaces where it can chemically react with the available lime to produce insoluble calcium silicate hydrate which densify and harden the surface from within and gives high abrasion resistance & dust proof floor.

Florseal-LI is also used to dustproof vertical concrete surfaces such as concrete tanks for potable water and other liquid or bulk contents.

### SPECIFICATION

Colour	: Translucent White
Odour	: Odourless or slight musty odour
Solids	: 15.2% w/w
PH	: 10.8
Specific gravity	: 1.1 at 25 OC
Viscosity	: 20 cp
VOC content	: Nil

### FEATURES & ADVANTAGES

- Provides better abrasion resistance than conventional hardeners.
- Produces a fast surface gloss which improves with traffic and maintenance.
- Improves performance, appearance and light, reflectance of new or old concrete.
- Gloss and hardness do not reduce slip resistance.
- Treated surface is breathable and UV stable will not yellow, discolor, peel or flake.
- VOC Compliant. Non-flammable. Non-toxic. Low odor.
- Cures quickly. Most floors can be opened to traffic within one hour of treatment.
- Treated surfaces are easy to maintain and require no waxing.
- Lithium Ion being in smaller size penetrates better & can not be washed out by water.
- Porous concrete transformed in to dense concrete
- Can be applied on any uncoated concrete or mortar finishes in both new as well as old constructions.
- Helps reduce damaging ASR alkali-silica reactions and protects from weathering and efflorescence.
- Economical to use.

## WHERE USED

- Ware House, Retail Store, Restaurants, Malls, Office Complex, Food Processing Plants, Dairies, Bottling Plants, Textile & other Industrial Floors.

## APPLICATION

- Clean the surface before application. If there is coating on the surface, for example curing compound, oil, dust etc., it should be completely removed. Fill and repair all holes, cracks and deteriorated areas. For best result, the surface should be touch dry to allow FLORSEAL-LI to penetrate in the pores and react.
- FLORSEAL-LI is applied directly on old or new clean surface by using a low-pressure sprayer fitted with 0.5gpm spray tip, roller or brush.
- For Horizontal surfaces, apply enough quantity of FLORSEAL-LI to keep the surface wet for 20 minutes. If areas dry out before that, apply more FLORSEAL-LI. In hot, dry or windy conditions dampen concrete before application to prevent flash drying.
- Remove any dried powder residue using a stiff broom, power sweeper or floor scrubbing machine. For immediate, enhanced shine, buff or burnish the dry concrete surface in both directions, using an orbital floor machine or burnished equipped with an appropriate polishing pad. This is a dry buffing operation.
- For vertical surfaces, apply from the bottom to up side. For maximum penetration and desired coverage rates, a wet-on-wet application is recommended; retreat within three to five minutes after initial application. Repeated applications should be made until the surface remains moist for a minute or so before solution disappears.

## **COVERGE**

100 to 150 sq.ft. per 1 Kg. depending on surface.

## **PACKING**

FLORSEAL-LI is available in 20 and 50 kg carboy.

## **STORAGE**

When stored in an airtight, sealed container in normal conditions it has a shelf life of 12 months from date of manufacturing.