



for Better Quality & Durability

LSH - Liquid Surface Hardener

CETEX LSH is a silicate based solution designed to harden a wide variety of cementitious surfaces. When LSH is applied, it penetrates the surface and it reacts with the free calcium hydroxide to produce a by-product, which fills up the pores on the surface.

ADVANTAGES

- ✓ Penetrates into the surface to harden and decreases the porosity of the surface.
- ✓ It improves the light reflectance and on polishing, the surface results in permanent and attractive sheen.
- ✓ It provides a tough protected surface that doesn't discolour or show pedestrian / vehicular wear marks.
- ✓ Improves the abrasion resistance of the surface.
- ✓ It improves the chemical resistance of the surface.
- ✓ Protects the surface against scratching or peeling thus making it dustproof.
- ✓ Ready to use and can be easily applied.
- ✓ It can be applied in both new as well as old constructions.
- ✓ VOC content is nil, thus helps earning LEED points in green building earning.
- ✓ It is economical to use.

PROPERTIES

Total Solids Content	:	20% approx.
Specific Gravity at 25°C	:	1.19 +/- 0.02
pH	:	Alkaline
VOC Content	:	Nil

APPLICATION METHODS

- Clean the surface before application. If there is coating on the surface, for example curing compound etc., it should be removed. Fill and repair all holes, cracks and deteriorated areas. For best result, the surface should be dry to allow **LSH** penetrate the pores and react.
- For good result **LSH** is diluted with water in 1:1 ratio. It can be applied on clean surface by using a low-pressure sprayer or by spreading evenly with a soft-bristled broom.
- Keep the surface wet with **LSH** for a minimum of 30 minutes. (A range of 30-60 minutes may be required depending on temperature and conditions.) Porous and/or dry areas must be kept wet at all times with **LSH**. Scrub the surface with a broom or mechanical scrubber to increase the penetration of the **LSH**. Once the surface begins to gel and becomes slippery, immediately spray the surface with a light water mist.
- Thoroughly flush the surface with water, with a broom to remove excess **LSH**. Thoroughly squeeze the surface dry. If there are slippery patches; this is an indication that **LSH** is still present. These areas should be re-flushed and squeezed again until the entire surface is dry. (Extremely porous surfaces may require a second application.)
- Restrict usage of the treated surface for 12 hours.

PACKING

CETEX LSH is available in 60 kg carboy or 250 kg barrel.

STORAGE

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