

# HARDTOP LQ

## Liquid Surface Hardener and Dust Proofer

### Description:

HARDTOP LQ is a clear surface hardener and dust proofer for application on to concrete and cementitious floors, based on sodium silicate. It can be used to harden concrete flooring. It also increases abrasion resistance and reduce dusting of concrete surfaces. HARDTOP LQ reacts chemically with the free lime and other calcium products in the cement, to provide hard insoluble crystals which binds the particles together to produce permanent protective coating.

### Applications:

HARDTOP LQ can be used as a hardener, dust proofing, and as a sealer for old and new surface of concrete floors in several applications including:

- Pedestrian concrete pavements.
- Granolithic paving.
- Precast concrete elements.
- Warehouses, light industrial workshops.
- Car parks, garages.

### Advantages:

- Improves abrasion resistance.
- Reduces floor dusting and efflorescence
- Single component.
- Durable.
- Cost effective.
- Easy application.

### Instructions for Use:

#### Surface Preparation:

All surfaces should be sound, clean, dry and free from loose material, efflorescence, laitance, curing compounds, dirt, oil and grease. Ensure that concrete floors are fully cured for at least 14 days.

Surfaces contaminated by oil or grease should be treated with suitable chemical de-greaser then washed with clean water. Cracks in concrete should be repaired using one of the recommended MATEX Products.

HARDTOP LQ should be applied only on dry surfaces in order to achieve a perfect penetration of the product. Colored cement flooring should be tested at small area to ensure that the product will not change the flooring color.

#### Mixing:

HARDTOP LQ is a single component ready to use product. It may need only to be stirred before application.

#### Application:

Pour HARDTOP LQ onto the surface of the floor and spread evenly with a brush or squeegee. Spread the solution by moving the broom back and forth over the surface to guarantee a good penetration. Allow the solution to be absorbed for a period up to 2 hours, then remove all non-absorbed liquid out of the surface. Allow the first coat to dry completely, then clean with water. Second coat can be applied with the same rate. Normally two coats are sufficient for typical surfaces. In case of application on power floated concrete surfaces, one coat of HARDTOP LQ would be sufficient.

#### Packaging:

HARDTOP LQ is available in 20 liter pails and 200 liter drums.

#### Storage:

Store in original packing away from direct sunlight.

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## Coverage:

HARDTOP LQ achieves coverage of 9-10 square meters per liter each coat.

## Shelf Life:

HARDTOP LQ can be utilized within 12 months of production date if stored in proper conditions in unopened original packing.

## Cleaning:

Clean tools and equipment with water before material harden.

## Health and Safety:

- Use goggles and gloves during application. Do not breathe dust of product.
- Avoid contact with eyes or skin.
- In case of contact with skin wash immediately with plenty of soap and water. In case of contact with eyes, rinse immediately with plenty of clean water then seek medical consultation.

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This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.

