

CAPHARD TOP-LS

HARDENING, SEALING AND DUST PROOFING COMPOUND

DESCRIPTION

CAPHARD TOP-LS is clear water soluble, inorganic silicate base compound that chemically hardens concrete floors, decks, docks, ramps and pavement. CAPHARD TOP-LS penetrates deep into concrete creating hard, abrasion resistant floor surfaces. It can be used on all new concrete surfaces whether fresh or cured. It is also suitable for old dusting concrete surfaces.

FEATURES

Chemicals present in CAPHARD TOP-LS react with the free lime and calcium carbonate in concrete and assist in filling and sealing surface pores and capillaries, to form hard non-dusting concrete.

USES

CAPHARD TOP-LS is recommended for use on concrete structure, interior or exterior where a hard abrasion resistant, light to moderate duty surface is required. It is water based and can be used in areas where solvent base sealer is hazardous. It is most suitable on concrete surfaces where wear and dusting could be a problem.

ADVANTAGES

- Sealing hardening and dust proofing in one operation.
- New or old concrete can be treated.
- Compatible with most resilient floor covering adhesive.
- Broadest application range; interior, exterior, horizontal, vertical, fresh, new or aged surfaces.
- Easy application and quick drying.
- Resist penetration of oils and chemicals.
- Resists deteriorating action of salts.

TYPICAL PROPERTIES

Appearance:

Colourless to pale yellow

Specific gravity:

1.10 at 25°C.

Toxicity:

Non-toxic.

Shelf Life:

Minimum one year in sealed original containers under recommended storage conditions.

DIRECTIONS FOR USE

Surface Preparation:

Remove all oil, grease, dust and loose matter by brush or vacuum.

Method of Application:

- CAPHARD TOP-LS can be applied to cast concrete any time from 24 hours after placing.
- Stir well before use. Pour it by sprinkling evenly on the floor. Use a watering can to sprinkle CAPHARD TOP-LS over the surface of concrete (spray unit or brush can also be used) until saturation point is reached.
- Remove excess unabsorbed solution before drying to prevent the formation of a glossy layer.
- 24 hours after first treatment, apply a second coat in similar manner (some floors may require three coats). Concrete abrasion resistance increases with each additional coat of CAPHARD TOP-LS. Subsequent coat should be applied only after thorough drying of previous coat.

WATCH POINT

Power floated or vacuum de-watered concrete surfaces are very dense and may not have sufficient porosity to absorb CAPHARD TOP-LS. For such surfaces it is advisable to test a small area of concrete with CAPHARD TOP-LS to check the maximum penetration, and ensure that the surface is not made glossy or stained white by the product. Concrete varies greatly in porosity, hence amount of CAPHARD TOP-LS will vary from surface to surface to achieve the desired results.

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COVERAGE

Coverage is effected by surface conditions, porosity, texture of concrete, and performance requirement. The following coverage rates are as a guide.

Vibrated/ concrete	tamped	Approx. 5 to 7 m ² /ltr.
Smooth concrete		Approx. 8 to 10 m ² /ltr.

The above coverage rate is based on the total amount of CAPHARD TOP-LS required for a three coat treatment application.

Take care to protect glass, paintwork, brickwork furnishing etc. from splashes. Do not use on coloured concrete, brick work or masonry.

CLEANING OF TOOLS

Clean brushes, tools, sprayers and other equipment with clean water, immediately after use.

PACKAGING

CAPHARD TOP-LS is supplied in 5 liter cans and 20 liter pails.

STORAGE

Store in sealed conventional containers, protected from extreme weather conditions. Stir well before use, if stored for a long time.

HEALTH AND SAFETY

Skin and eye irritant. Contact with skin or eyes may cause burns. Ingestion may cause burns or other harm.

It is advisable to use goggles and gloves while handling CAPHARD TOP-LS.

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TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

Note : The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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