

DECKTOP LH



Liquid surface hardener and dust proofer for concrete surfaces

DESCRIPTION

DECKTOP LH is a ready to use, liquid floor hardener and dustproofer for concrete floors. It penetrates into the concrete substrate resulting in a chemical reaction with cement hydrate components providing a dense surface.

APPLICATIONS

DECKTOP LH is recommended for new and old cementitious surfaces, such as concrete floors and granolithic paving. It should not be used to renovate concrete which is already disintegrating. Typical applications include:

- » Factories.
- » Warehouses.
- » Garages.

ADVANTAGES

- » Excellent penetration into the concrete surface
- » Hard, dust free finish with minimal film formation
- » Easy to apply
- » Reduce cost over shake on hardeners
- » Impermeability of concrete surface is enhanced

METHOD OF USE

SUBSTRATE PREPARATION

The substrate must be clean, dry, structurally sound, dense and free from oil, grease, dust and other contaminants. A clean surface will ensure maximum penetration of SDECKTOP LH into the concrete surface. Surfaces contaminated by oil or grease should be treated with suitable chemical de-greaser then washed with clean water.

Areas deeply contaminated by oils or grease, should be treated by hot compressed air. All contamination and laitance must be removed before DECKTOP LH application to allow for effective penetration.

NEW CONCRETE FLOORS

New concrete surfaces must be allowed to cure for 14 days prior to application of DECKTOP LH.

TECHNICAL PROPERTIES

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PROPERTY	TEST METHOD	VALUE
Componet	-	Single
Mixed Form	-	Liquid
Colour	-	clear to opaque
Specific gravity	ASTMD1475	1.10+/-0.02
UV & water exposure	-	No adverse effects
Srface hardener	-	>30% increase over untreated surface

MIXING

Mix one part of DECKTOP LH with 3 parts of clean water, use slow speed drill for mixing for 2 minutes until a ho-mogenous mixture is achieved.

TIMING OF APPLICATION

The mixed (diluted) DECKTOP LH should be poured onto the surface of the floor and spread evenly with a soft brush or squeegee avoiding the formation of puddles.

The first coat should be applied at a uniform rate of approximately 9 - 10 m²/litre of the mixed (diluted) DECKTOP LH. Allow the solution to be absorbed for a period up to 2 hours, while the floor is still damp, the surface should be washed off and rinsed with clean cold water to prevent excess DECKTOP LH mixture crys-tallizing on the surface.

This is necessary to avoid unsightly white dusting. The surface should be allowed to dry for a period of 24 hours to be ready for the second coat which should be applied at same procedures of first coat. Only in the case of very porous floors would a third coat be

necessary.

REMARKS

» Coloured surfaces must be allowed to cure for 28 days prior the application of DECKTOP LH It is advised to test a small area to evaluate the effect of DECKTOP LH on the colour.

» Concrete surfaces must be dry to maximize penetration.

OVERCOATING

Surfaces treated with DECKTOP LH may be overcoated provided that proper surface preparation and cleaning is carried out. For specific cases, contact STARKE Technical Department for advice. It is recommended to perform site trials to confirm that the desired properties are achieved.

CLEANING: Tools and equipment can be cleaned with clean cold water.

PACKAGING: DECKTOP LH is available in 25 litre pails and 200 litre drums.

COVERAGE

The coverage rate of the mixed (diluted) DECKTOP LH is: 10 m²/litre per coat for one application, 7.5 m²/litre per coat for two applications and 5 m²/litre per coat for three applications.

STORAGE: DECKTOP LH Store in a dry area out of direct sunlight at temperatures between 5°C and 35°C.

SHELF LIFE

DECKTOP LH has a shelf life of 12 months from date of manufacture if stored in proper conditions and un-opened packs.

If these conditions are exceeded, contact STARKE-Technical Department for advice.

CAUTIONS

Health and Safety

DECKTOP LH should not come in contact with skin and eyes, however any accidental splashes to the eyes must be rinsed with clean water and seek medical advice. Suitable protective gloves and goggles should be worn.

For further information, refer to the Material Safety Data Sheet.

FIRE: DECKTOP LH is nonflammable.

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- > **Surface treatments**
- > **Grouts and anchors.**
- > **Concrete repair.**
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- > **Sealants.**
- > **Waterproofing.**
- > **Adhesives.**



Important note :

Starke range products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Starke endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation, opinion or information given by it.

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