

CIKOhard SS

Liquid Concrete Hardener & Dustproof

Description

CIKOhard SS is a liquid floor hardener for concrete to enhance its hardness and sealing properties. It eliminates the generation of dust from concrete.

CIKOhard SS is a sodium silicate based low viscosity liquid floor hardener. CIKOhard SS penetrates deep into the pores of the concrete and reacts with the free calcium present in concrete leaving a hard wearing and dustproof surface.

Properties

- Provides relatively impermeable surface, thereby increasing the durability of concrete.
- Improves abrasion resistance and eliminates generation of dust particles
- Easy to apply and economical
- Can be treated on new or old concrete floors
- Provides chemical resistance against solvents, grease and commonly used chemicals
- Suitable for interior and exterior applications

Application area

CIKOhard SS is suitable to use in industrial and commercial floor areas. Typical applications include:

- Warehouse floors and food storage areas
- Utility services building floors.
- Heavy duty parking areas.
- Residential, garage and basement areas.
- Walkways and loading bays

Physical properties

Form	Liquid
Colour	Colourless
Hardness	More than normal concrete floors
Drying time	2 to 3 hours
Ready for service	After 24 hours

Coverage

CIKOhard SS will provide coverage between 5.0 and 12m² per litre depending on the floor condition and finish.

Smooth concrete finish	7 m ² per litre in two coats
Rough concrete finish	5 m ² per litre in two coats

Application instructions

Surface preparation

The concrete surface should be free from dust and loose particles. All contamination should be removed well before application of CIKOhard SS.

Application method

Pour or spray CIKOhard SS over the concrete surface at a rate of 5 - 12 m²/ltr and allow drying. Excess solution should be removed before drying by mop or squeegee. Second coat should be applied in similar procedure, 24 hours after the application of initial coat. It is recommended to apply minimum two coats for better results.

Packaging

CIKOhard SS is available in 20 kg pails and 200 kg drums.

Shelf life

CIKOhard SS has a shelf life of 12 months if stored in accordance with manufacturer instructions.

Storage

CIKOhard SS should be stored under enclosed shaded area at temperatures between 5 – 35⁰C.

Precautions

- Excess CIKOhard SS on concrete may form white residue.
- Not suitable for highly porous substrates.

Health & safety

CIKOhard SS should not come in contact with the eyes or be swallowed. If comes in contact with eyes, flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

Technical Support

For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- Concrete admixtures and additives
- Waterproofing and damp proof coatings
- Surface treatments
- Flooring and toppings
- Grouts and anchors
- Tile adhesives and grout
- Concrete repair materials
- Adhesives and bonding agent
- Protective coating
- Joint Sealants and Moulding compounds
- Ancillaries

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Note: The information presented herein 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

