

# PC Floor NaSi



Liquid Densifier and Dustproofer for Concrete

## Product Overview

PC Floor NaSi is a water-based sodium silicate solution used to make concrete dense and dustproof. It chemically reacts within concrete and becomes an elemental part of the surface, making the treated concrete denser and easier for maintenance.

## Areas of applications

1. For all interior and exterior horizontal concrete surfaces
2. All medical and educational institutions.
3. Offices, commercial buildings and multi-residential buildings
4. Warehouse floors, laboratories and other storage facilities

## Properties

1. PC Floor NaSi seals, densifies and makes the surface dustproof in one operation.
2. It is water-based. Hence contains no VOCs and no odour.
3. Concrete treated with PC Floor NaSi resists water penetration incredibly.

## Guidelines for Usage

**1. Surface preparation:** The concrete surface must be clean, dry and free of any contaminant or coating which may interfere with the penetration of PC Floor NaSi. PC Floor NaSi is not a curing compound and should only be applied to concrete that has been cured with an industry accepted method, such as wet curing or sheet curing. If a curing compound has been used, it must be completely removed prior to the

application of PC Floor NaSi.

**2. Mixing:** PC Floor NaSi is a ready to use compound and hence requires no premixing.

**3. Application:** Apply PC Floor NaSi to a concrete surface in a continuous film. Scrub the PC Floor NaSi into the concrete by using a soft bristle broom or microfiber pad and brush out all puddles and runs immediately. Make sure that all of the PC Floor NaSi immerses into the concrete. Additional coats may be applied if the concrete surface is absorptive, but do not allow excess PC Floor NaSi to dry on the surface. If subsequent coats do not appear to be immersing in, immediately stop application and vacuum/squeeze excess PC Floor NaSi from the surface. If additional hardness and abrasion resistance is required, then use dry shake PC Floor HD.

## Coverage area

1 ltr. of PC Floor NaSi will cover approximately (4 - 8) m<sup>2</sup> depending upon the porosity of concrete and job requirements. The following rates of coverages are approximate:

Conditions (units in m <sup>2</sup> /ltr)->	Rough finish	Finely textured	hard troweled
Newly cured bare concrete	4	6	8
Old concrete	5	6	7

## Packages available

PC Floor NaSi is packaged in 200 ltr. HDPE drums and 20 ltr. HDPE cans.

## Storage and Shelf life

PC Floor NaSi has 12 months shelf life when stored in original, dry and unopened packs.

## Safety Measures

1. Clean tools and equipment with water before the material hardens.
2. Protect metal, glass, wood, paint or brick from contact with PC Floor NaSi. If accidentally oversprayed on these surfaces, wash surface with clean water immediately.
3. If excess PC Floor NaSi is left on the concrete surface, a white residue may form and should be removed by scrubbing immediately. If this residue is allowed to dry, removal of the white discoloration may require mechanical means, such as grinding or sanding.
4. Use proper safety equipments while mixing e.g. use of safety coats, safety goggle, gloves etc.

For further information related to application and safety precautions, please contact Mcrete technical representative.

## Technical data

Aspect	Clear liquid that doesn't change its aspect in contact with concrete
<u>Application</u>	<u>Cure time</u>
Foot traffic	5 - 6 hrs
Wheel Traffic	24 hrs
VOC content	0 g/L

For further clarifications Please contact on below address

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