

# PC Floor Moissanite



High Performance Liquid Densifier  
and Sealer for Concrete Floors

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## Product Overview

PC Floor Moissanite is a unique mix of silicates and silicones, that seeps through concrete substrates and reacts internally to provide a dense surface which is abrasion resistant, dustproof and easier to maintain. Concrete treated with PC Floor Moissanite are glossy, slip resistant and the treatment never fades away.

## Areas of applications

1. For all interior and exterior floors.
2. Warehouse, commercial and retails floors
3. Manufacturing and assembling plants, pharmaceutical and other research facilities, other industrial floors, etc.

## Properties

1. Concrete treated with PC Floor Moissanite water repellent, have reduced porosity and increased durability.
2. It has zero VOCs. Hence complies with VOC regulations
3. PC Floor Moissanite can be applied to any concrete surfaces whether old or new.
4. Makes the floor easier for maintenance and cleaning

## Guidelines for Usage

**1. Surface preparation:** For old concrete floors the surface must be clean, dry and free of any contaminant or coating that may prevent proper penetration of PC Floor Moissanite to the depth.

Fresh Concrete floors must be cured for 7 days or longer for proper penetration of PC Floor Moissanite to the depth. If a curing compound is used, then it must be fully removed prior to the application of PC Floor Moissanite. After curing allow it to air dry for 24 hours prior to the application of PC Floor Moissanite.

**2. Mixing:** PC Floor Moissanite is a ready to use product.

**3. Application:** Concrete Surface should be damped. After ensuring that all the standing water over the concrete surface has evaporated and the surface is damp, apply PC Floor moissanite over the concrete surface using a low-pressure sprayer or simply pour it over the surface. After that, spread the liquid evenly over the surface by a soft bristle broom or a squeegee. Make sure that the desired surface is completely covered with PC Floor Moissanite. As the liquid starts to thicken and attain a jelly consistency, spray some clean water over the thickened area and move the same with a squeegee to the adjacent floor area, which has to be treated. Make sure that, PC Floor Moissanite is not tracked to uncured concrete. Prevent excess PC Floor Moissanite from the surface else, a white residue will be formed which can only be removed while grinding the surface. Contact a Mcrete technical

representative for more info on application and maintenance

## Coverage area

1 ltr. of PC Floor Moissanite will cover approximately (4 - 6) 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	5	6
Old concrete	4.5	5	5.5

## Packages available

PC Floor Moissanite is packaged in 210 kg HDPE drums and 25 kg HDPE carboys.

## Storage and Shelf life

PC Floor Moissanite 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. Don't dilute or thin PC Floor Moissanite while mixing.
3. Don't apply over frosted or filled surfaces.
4. Use proper safety equipment while mixing e.g. use of safety coats, safety goggles, gloves etc.

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

## Technical data

Aspect	Clear liquid
Specific Gravity	1.20 - 1.25 g/cc
pH	Min. 12
<u>Application</u>	<u>Cure time</u>
Foot traffic	4 - 6 Hrs
Wheel Traffic	24 hrs
VOC content	0 g/L

For further clarifications Please contact on below address

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