

# PC Cure Wax



Pigmented, Wax based Concrete  
Curing Compound

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## Product Overview

PC Cure Wax is a pigmented solvent free, membrane forming wax-based curing compound suitable for fresh or new concrete substrates which helps in retaining water during hydration process. Due to the presence of unique pigment, it has high reflective index which increases the curing efficiency.

The resultant membrane retains enough moisture which ensures complete hydration of cement ; essential to gain optimum strength and rigidity.

## Areas of applications

1. Exterior pavements, sidewalks, curbs and gutters.
2. All concrete masonry structures.
3. Offices, commercial buildings and multi-residential buildings
4. Parapet walls, bridges and flyover decks.

**NOTE:** PC Cure Wax is not recommended for structures where subsequent coatings are to be applied.

## Properties

1. PC Cure Wax forms such a membrane which keeps moisture enough for optimum curing of concrete.
2. It has zero VOCs, hence has no odour.
3. It is specially designed for exterior applications where sunlight reflectivity is Desired.
4. PC Cure Wax is economic as it reduces labor costs.

5. It reduces chances of cracks, drying shrinkage and other such defects that arise due to lack of proper hydration.
6. The curing film is water repellent and dustproof

## Guidelines for Usage

**1. Surface preparation:** PC Cure Wax is designed to be applied on fresh concrete only. Finishing of concrete surface has to be done to the desired texture.

**2. Mixing:** PC Cure Wax is a ready to use product. So just stir well in the container for 5-10 mins for uniform composition (do not dilute) at a slow speed prior application.

**3. Application:** Spray PC Cure Wax as evenly as possible using a heavy duty spray equipment on the freshly prepared concrete surface.

On horizontal surfaces, don't apply while the water is still bleeding from the concrete surface, as the required film will not be formed. Curing has to be done as soon as the shine on the concrete surface disappears, but should not be delayed thereafter.

On vertical surfaces, PC Cure Wax should be applied while the concrete is still green. Dampen the surface with clean water prior to application.

While using a roller for application, if bubbles appear, then slow down the process of rolling. Don't overlap during application. Take adequate care to prevent spoiling of the concrete surface.

**4. Curing:** After application, leave the surface drying for 2-3 hrs. The full strength of curing membrane will develop after 4 days. Protect the treated concrete surface from rain, storm and other rash climatic conditions until the film has totally dried.

Breakdown of the curing film generally takes place usually 30 days after application of PC Cure Wax. For best results remove the curing film on the 28th day post application.

## Coverage area

The recommended application rate is 3-4 m<sup>2</sup>/ltr. depending upon the texture of the surface.

## Packages available

PC Cure Wax is packaged in 220 kg HDPE drums.

## Storage and Shelf life

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

## Safety Measures

1. Clean tools and equipment with hot water and detergent before the material hardens.
2. Don't dilute or thin PC Cure Wax 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.
5. Don't use solvents, acids and other strong chemical cleaning agents for removal of membrane. This will not only remove the curing film but also will damage the concrete surface.

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

## Technical data

Aspect	White liquid. After drying the colour of film is white.
Density	1.00-1.20 g/cc
Application temperature	< 40°C
Setting time	1.5 - 2 hours
Daylight reflectance	(65 - 70) %

For further clarifications Please contact on below address

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