



NANO-CURE

نانو كيور

Nano Polymer, and Water Based curing compound

Added Value

NanoCure is a water-based product with very microscopic particles. It blocks the pores on the concrete surface from losing the mixing water without forming a plastic or waxy layer that may separate the paints or subsequent applications from paints or epoxy.

Economic and Easy to Apply

- High application rate 6 -9 m² / liter according to porosity and the nature of the surface to be cured.
- Delivered in 20 liter bottles, 200 liter Drum or 1000 liter Tanks.
- Apply with brush or paint roller and preferably sprinkle with machine.

Product Specifications

- Light yellowish liquid.
- Density 1.05 kg / liter.
- PH 7.5 - 8.5.
- Compliant with ASTM C309 Type 1
- Does not contain any toxic or harmful substances.
- Product validity for two years from the date of production.



NANOCURE

NanoCure Concrete curing is one of the most important applications associated with the use of concrete casting. It is vital to retain the mixing water in the concrete mixture. Evaporation of water from the concrete due to wind and heat causes cracking and affects badly its mechanical properties.

Curing using water does not last long as it evaporates quickly after application and the problem remains.

NanoCure is the practical and economical solution to this problem. The product is sprayed directly after the concrete setting to be a strong cover that penetrates under the surface with sufficient distance to conserve the mixing water from the evaporation. As a result of the small particles of the **NanoCure** (measured by nanometer), these molecules are absorbed into the pores preserving the water content and moisture from the lower surface layers of concrete and cement mixtures.

NanoCure is not a waxy layer as in similar compounds. Therefore, the following paints or applications can be applied without the removal of **NanoCure**.



Application Field

- Special curing for cement plaster before applying paints to keep the plaster from cracking and surface weakness.
- Material for the curing of concrete items like foundations, columns and ceilings.
- High efficiency material for curing concrete paving for modern roads and printed concrete and asphalt.
- Suitable for use with helicopter-coated floors to close the pores with the formation of a light layer that does not affect the subsequent epoxy paints.
- A water-based substance that preserves the environment and does not contain any harmful substances to the environment.

Components:

Each **NanoCure** package contains the latest nanotechnology in the polymer industry in terms of the small size of the polymer molecules that penetrate the pores, creating a strong protection line against moisture and water evaporation from the concrete surface.

- Each package also contains a special preservative to extend the shelf life and validity of the product to one year even in hot climates.



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