

Satex Cure WX

Solvent-free curing compound for fresh concrete

Properties

Satex Cure WX is a solvent free curing compound for fresh concrete. A tight protective film impermeable to water to a large extent will develop on the concrete surface upon application of the curing agent. The pores on the surface of the concrete will be closed and thus the evaporation of the mixing water will be reduced. The protective film will disintegrate as a function of weather conditions and possible mechanical stress. The material will impair the evaporation of the inherent moisture of the concrete due to solar radiation or wind and thus prevent the concrete from curing too fast. By treating the concrete with Satex Cure WX, the following particular properties of the concrete surfaces will be achieved:

No cracks due to contraction or shrinkage and no sanding of the surface and increase in surface strength, e.g. abrasion resistance, reduced porosity.

The protective coat is particularly impermeable to water vapor during the first days when the fresh concrete is exposed to the greatest danger of curing too fast.

Area of applications

A curing of mortar and/or concrete is always required after the setting of the cement. The minimum duration of curing depends upon the definitions of the curing recommendations. The curing with Satex Cure WX constitutes a cost effective method since other measures are considerably reduced.

Satex Cure WX is used for road concrete and floor screed. Application is possible to vertical or horizontal structures and for concrete surfaces to remain uncoated.

Product Data

Base	paraffin/wax
Solvents	none
Colour	white
Consistency	liquid
Density	approx. 1.0 kg/dm ³
Application	spray gun
Consumption for smooth substrates	approx. 100 to 150 g/m ²
Temperature of air	+1°C and above and substrate during application
Cleaner	water when still fresh

Working instructions

Satex Cure WX must be stirred or shaken prior to application. Satex Cure WX is applied by spraying as soon as the surface water is no longer visible (when the appearance of the surface changes from shiny to dull). The sooner the material is applied, the more effective the protection will be. Application by brush is possible as well but this will result in a considerable increase in consumption and payload. A uniformly covering application is absolutely required. The curing film will appear white on the concrete surface and hence gaps or thin spots can be easily detected visible. Layers of highly different thicknesses may result in the formation of stains. Puddles and pools must be removed prior to the application of Satex Cure WX. In case of very high or very low temperatures, the concrete requires an additional protection against heating up or cooling down. A complete removal of the protective film such as by steam jet blowing or thorough brushing is required when concrete, mortar, plaster, floor screed, topping, bonding mortar, tile adhesive, bonding layer etc. are to be applied at a later date.

Consumption

The consumption depends upon the roughness of the substrate and upon the thickness of the layer applied. It amounts to approx. 100 to 150 g/m² on smooth surfaces. Rough or textured surfaces require correspondingly larger amounts. The consumption is lower when applied to vertical surfaces but two applications are recommended in this case.

Delivery and storage

Satex Cure WX is delivered in 30 kg plastic containers and in 190 kg steel drums. Can be stored dry and frost free in original sealed packing for at least 12 months.

Notes

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