

Satex Cure AC

Acrylic Emulsion based curing compound for concrete and screed

Properties

Satex Cure AC is an acrylic emulsion based curing compound for fresh mortar and 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. By treating the concrete with Satex Cure AC, the following particular properties of the concrete surfaces will be achieved: No cracks due to contraction or shrinkage and increased surface strength, e.g. abrasion resistance and no sanding of the surface.

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.

Satex Cure AC is used for road concrete, floor screed and all Satex cementitious dry shakes. Easy application to vertical or horizontal structures and to remain uncoated.

Product Data

Base	acrylic emulsion
Colour	white
Consistency	liquid
Density	approx. 1.0 kg/dm ³
Applications	spray gun, brush
Consumption for smooth substrates	approx. 100 to 150 g/m ²
Temperature of air and substrate during application	+1°C and above
Cleaner	water when still fresh

Working instructions

Satex Cure AC must be stirred or shaken prior to application. Satex Cure AC 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. 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 AC is delivered in 30 kg plastic containers and in 190 kg steel drums (net weights). Can be stored dry and frost free in original sealed packing for at least 12 months.

Notes

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