



r o b i n

La qualité en peinture

Technical data sheet
Update 30.04.2012

KINAT

GENERAL INFORMATION :

Formation of the metallo-organic complex

KINAT is a low viscosity chelating polymer having a large number of active functions and a very high molecular weight. It reacts in depth with the rust. The oxidation products of the iron are stabilized under the form of a totally neutral metallo-organic complex.

The chelating process is a chemical encapsulation of the iron at the atomic level. It results in a uniform, non soluble coating having a perfect adherence to the surface.

PROPERTIES:

KINAT is a low viscosity polymer which penetrates the porous rust and stabilizes it in depth.

KINAT reacts rapidly with the rust; reaction time: 3 hours.

KINAT is an excellent adhesion base for every paint systems.

PAINT SYSTEMS:

KINAT is not paint but a **treatment** for corroded surfaces. The treated surface must be protected afterwards by a paint system, preferably within the 48 hours of the KINAT application.

The majority of the paints utilized for the steel protection can be applied on KINAT, such as alkyds, modified alkyds, chlorinated rubber, epoxy, urethanes, vinyl and water based systems.

In car bodywork: synthetic alkyds, nitro-celluloses and acrylics.

In building: alkyds.

CARACTERISTICS:

Appearance: beige color liquid

Specific gravity: 1,03

Viscosity: 10 cps

Drying time: 3 hours

Coverage capacity: 25 m²/litre

Temperature of application: 0 – 40°C

Flash point: 50°C

Warehousing: protect from sunshine

Shelf life: 1 year minimum

Method of application: with hard brush, pneumatic spray gun

KINAT is ready to use. Do not dilute.

RECOMMANDATIONS:

Possible projections can be washed with soapy water.

In case of projection in the eyes, immediately rinse with water and if possible with a 1% sodium bicarbonate solution.

KINAT contains a flammable solvent.

Ventilation is recommended in case of interior application.



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METHOD OF APPLICATION:

Surface preparation:

Apply KINAT on a **clean** rusty surface, i.e. free from oil and grease.
Eliminate non adhering rust particles, flakes and calamine.

Application:

KINAT is ready to use. One coat is sufficient.
Preferably utilize a hard brush in order to facilitate the penetration into the rust.
KINAT can also be applied using a pneumatic spray gun.
KINAT can be applied on wet surfaces.

Reaction:

Do not apply the finish paint coat during the reaction of KINAT with the rust.
The reaction time is 3 hours and is characterized by the blue-black tint of the treated surface.

TOOLS CLEANING: with water

PACKAGEING: 1 litre – 5 litre