



Product information

4CR-Industry 43-110 KH Zincphosphate HB Primer

Page 2 / 3

Version 2 / April 2020

Fully cured after 3 - 4 days (20 °C).

Technical specifications

Binder base: alkyd resin

Density DIN EN ISO 2811 (kg/l): 1,5 - 1,6

Solids content (% by volume): 52 - 54

Solids content (% by weight): 72 - 75

Delivery viscosity DIN 53211 4 mm (in s): thixotropic

Gloss level ISO 2813 at 60° (GU): 10 - 20 matt

Short-term heat resistance: 150 °C

Permanent heat resistance: 120 °C

VOC regulation

EU limit value: Category B/c 500 g/l. This product contains max. 490 g/l.

Features

short drying time, active corrosion protection (zinc phosphate), electrostatic application possible, high-build, excellent filling properties, high vertical stability, adhesion on steel.

Storage

At least 3 years in unopened original container

Substrate preparation

Remove oil, grease, rust, mill scale, rolling skins, as well as other substances impairing the function of the coating!

Attention: A direct adhesion cannot be taken as granted due to most different kinds of metals, alloys, metallic and conversion coatings and so on. The adhesion must therefore be tested on the original metal substrate.

steel:

blast to cleaning degree Sa 2½, remove blast residues and overcoat promptly

de-rust with hand and power tools to degree of cleanliness St 3

degrease with Anti-Silicone

Proposed coating structure

steel:

priming coat: 43-110 KH Zincphosphate HB Primer with 50 - 60 µm dry film thickness



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4CR-Industry 43-110 KH Zincphosphate HB Primer

Page 3 / 3

Version 2 / April 2020

finishing coat: *70-135 KH Topcoat Premium with 50 - 60 µm dry film thickness

*Further 4CR finishing coats are available. Please contact your Sales or our technical staff.

Processing tips

For professional use only.

Do not overcoat with high-solid 4CR 2K topcoats.

Without top coating, the primed objects can be stored outside for approx. 5 days.

Cleaning of tools

Clean tools immediately after use with Nitro-Thinner.