

CHING-HYDROVERSAL-primer RWE-GB-13-H

Intended use

Water-based, quick-drying, APEO- and label-free, early loadable, micaceous iron containing primer

Application

Steel construction - not galvanized - initial coating

General information

	Color shades	approx. RAL 3009, other colors on request				
	Gloss	mat				
	Stirring / Dilution	Stir the product mechanically before each use. Ready to use after adding hardener. Dilute with deion. water if necessary.				
	Spraying	Viscosity [DIN 4]	Thinner [%]	Nozzle [mm]	Pressure [bar]	
	Cup gun	30-50 s	5 - 10	1,5	4 - 5	
	Airless (Airmix)	Delivery form	≤ 3	0,31 - 0,45	120 - 200	
	Brush application	Delivery form				
	Roller application	Delivery form (multiple application is recommended due to structure formation and minimum layer thicknesses)				
	Flow application	n.a.				
	Substrate preparation	according to DIN EN ISO 12944-4 or RWE-specification				
	Drying time¹	Temperature	Dust-dry	Grip resistant	Mech. resilient	Recoatable²
	at 100 µm	NC 23/50	1 h	3 - 4 h	12 h	6 - 8 h
¹ Based on delivery viscosity! Humidity has a decisive influence on drying! ² with itself (not normally required for top and final coats, except possibly for minimum coat thicknesses)						

	Viscosity delivery form	100 - 400 mPas				
	Other values	Density [g/cm ³] 1,3 ± 0,1	Solids [Weight. %] 58 ± 5	Solid volume [%] 44 ± 5	Solid volume [cm ³ /kg] 340 ± 20	Efficiency¹ [m ² /kg] 3,4
		WFF 2,2	DFT² [µm] 100	Consume [g/m ²] 290 ± 20	VOC-content [g/l] (± 20) 115	Temperature resistance³ 80°C
<p>These values are imputed values that may vary depending on the color shade and application. Drying times are correspondingly longer for thicker layers. The drying times are shortened by forced drying.</p> <p>¹ ± 0,5 for 100 µm dry layer thickness (depending on shade) ² With layer thicknesses > - µm bubbles may form! ³ Dry heat</p>						
	Notes	<ul style="list-style-type: none"> • Storage 18 months (in unopened original container. Store cool but frost protected!) • Processing conditions <ul style="list-style-type: none"> ❖ The air and object temperature should be at +10°C to +35°C (optimally at 15-35 °C) and the relative humidity at max. 80 %. The surface temperature of the parts to be coated must be at least 3 °C above the dew point of the surrounding air during application. ❖ Sufficient supply and exhaust air must be provided. ❖ The equipment (e.g. spray gun, stirring unit etc.) should be cleaned directly after the use with water (tap water). The sooner the cleaning work is carried out, the better the cleaning effect. Dired-on material can be cleaned with CHING-Thinner VH 01. 				