

CHING-HYDRO-Corrugated wall tank inside coating HRD 126










Intended use




Water-based, quick drying and transformer oil resistant primer for steel

Application

For interior steel components, especially as a coating on the inside of transformer tanks (e.g. corrugated tanks)

General information

	Color shades	White, approx. RAL 3012, others 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 - 2,5	4 - 5	
	Airless (Airmix)	Delivery Form	≤ 3	0,3 - 0,45	120 - 200	
	Brush application	Delivery Form				
	Roller application	Lieferform (Only for small areas and expected minimum layer thicknesses)				
	Flow application	n.a.				
	Substrate preparation	according to DIN EN ISO 12944-4; Steel: blasted SA 2 ½: free of dust, salt, oil and grease as well as free of adhesion-reducing substances (e.g. corrosion products)				
	Drying time¹	Temperature	Dust-dry	Grip resistant	Mech. resilient	Recoatable²
	at 60 µm	NK 23/50	30 min.	1,5 h	6 h	4 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 - 120 DIN-4-seconds				
	Other values	Density [g/cm ³] 1,3 ± 0,1	Solids [Weight. %] 56 ± 3	Solid volume [%] 39 ± 3	Solid volume [cm ³ /kg] 300 ± 20	Efficiency¹ [m ² /kg] 5,0
		WFF 2,6	DFT² [µm] 40-60	Consume [g/m ²] 200 ± 20	VOC-content [g/l] (± 20) 110	Temperature resistance³ 100°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 60 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 12 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. 				