

CHING-HYDROVERSAL-Shop primer HV 286 KTL FL

Intended use

Special water-based and quick-drying acrylic shop primer for KTL- and powder coatings for spraying and flooding.

Application

Radiators and accessories

General information

	Color shades	Sand yellow, 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	30-40 s	5 - 10	1,5 - 2,0	4 - 5	
	Airless (Airmix)	Delivery Form	≤ 3	0,28 - 0,45	140 - 200	
	Brush application	n.a.				
	Roller application	n.a.				
	Flow application	Flood viscosity depending on object geometry 20-45 DIN-4 seconds; dilution: approx. 5-10% deion. water				
	Substrate preparation	according to DIN EN ISO 12944-4; surface clean, dry, 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 40 µm	NK 23/50	45 min.	2 h	6 h	6 h ³
<p>¹ Based on delivery viscosity! Humidity has a decisive influence on drying!</p> <p>² with itself (not normally required for top and final coats, except possibly for minimum coat thicknesses)</p> <p>³ with suitable subsequent coating, e.g. CHING-HYDROVERSAL-intermediat or top coat or CHING-2C-PUR-intermediate or top coat</p>						



Viscosity delivery form

120 - 140 DIN-4 seconds



Other values

Density [g/cm ³]	Solids [Weight. %]	Solid volume [%] [cm ³ /kg]		Efficiency ¹ [m ² /kg]
1,35 ± 0,1	65 ± 3	52 ± 3	400 ± 20	10
WFF	DFT ² [µm]	Consume [g/m ²]	VOC-content [g/l] (± 20)	Temperature resistance ³
1,9	30-50	100 ± 20	68	120°C

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.

¹ ± 0,5 for 40 µm dry layer thickness (depending on shade)

² With layer thicknesses > - µm bubbles may form!

³ Dry heat



Notes

- **Storage**
18 months (in unopened original container. Store cool but frost protected!)
- **Processing conditions**
 - ❖ The air and object temperature should be at +10°C to +40°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.
 - ❖ Experience shows that coatings system is suitable for the operating temperatures of transformers.