

CHING-micaceous iron top coat RWE-DB-11-L










Intended use

Diffusion-proof, micaceous iron-containing 1C-top coat.

Application

Primed steel or zinc surfaces, transformer housings, catenary support, radiators, switch cabinets, transformer transformer substations as well as high-voltage equipment.

General information

	Color shades	Various RAL-colors as well as other colors on request				
	Gloss	mat				
	Stirring / Dilution	Stir the product mechanically before each use. Ready to use after adding hardener. Dilute with CHING-Thinner S 08 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	0,31 - 0,51	120 - 200	
	Brush application	Delivery Form				
	Roller application	Delivery form (not recommended for corrosion protection work due to possible blistering and crater formation and expected 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 80 µm	NC 23/50	1 h	7 h	40 h	24 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

450 - 540 mPas



Other values

Density [g/cm ³]	Solids [Weight. %]	Solid volume [%] [cm ³ /kg]		Efficiency ¹ [m ² /kg]
1,3 ± 0,1	70 ± 5	54 ± 5	400 ± 20	5,0
WFF	DFT ² [μm]	Consume [g/m ²]	VOC-content [g/l] (± 20)	Temperature resistance ³
1,8	80	200 ± 20	410	80°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 80 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 +5°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.