CHING-micaceous iron primer
RWE-GB-3A-L-8004

Intended use

Diffusion-proof, micaceous iron-containing 1C-primer.

Application

Steel engineering - galvanized - repair coating e.g. transformer housing, overhead line power.

General information

Color shades	approx. RAL 8004
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 time[1]	**Temperature**	**Dust-dry**	**Grip resistant**	**Mech. resilient**	**Recoatable**[2]
at 50 µm	NC 23/50	1 h	3 h	20 h	24 h[3]

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)
3 with suitable subsequent coating, e.g. RWE-GB-3B-L-8011

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Viscosity delivery form	340 - 400 mPas

Other values

Density [g/cm³]	Solids [Weight. %]	Solid volume [%]	Solid volume [cm³/kg]	Effiency[1] [m²/kg]
1,6 ± 0,1	75 ± 3	52 ± 3	337 ± 20	6,7

WFF	DFT[2] [µm]	Consume [g/m²]	VOC-content [g/l] (± 20)	Temperature resistance[3]
1,9	50	148 ± 20	409	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 50 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.

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