

## CHING-micaceous iron primer RWE-GB-3B-L-8011










### Intended use




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

### Application

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

### General information

	<b>Color shades</b>	approx. RAL 8011				
	<b>Gloss</b>	mat				
	<b>Stirring / Dilution</b>	Stir the product mechanically before each use. Ready to use after adding hardener. Dilute with CHING-Thinner S 08 if necessary.				
	<b>Spraying</b>	<b>Viscosity [DIN 4]</b>	<b>Thinner [%]</b>	<b>Nozzle [mm]</b>	<b>Pressure [bar]</b>	
	Cup gun	30-50 s	5 - 10	1,5 - 2,5	4 - 5	
	Airless (Airmix)	Delivery Form	≤ 3	0,31 - 0,51	120 - 200	
	<b>Brush application</b>	Delivery Form				
	<b>Roller application</b>	Delivery form (not recommended for corrosion protection work due to possible blistering and crater formation and expected minimum layer thicknesses)				
	<b>Flow application</b>	n.a.				
	<b>Substrate preparation</b>	according to DIN EN ISO 12944-4 or RWE-specification				
	<b>Drying time<sup>1</sup></b>	<b>Temperature</b>	<b>Dust-dry</b>	<b>Grip resistant</b>	<b>Mech. resilient</b>	<b>Recoatable<sup>2</sup></b>
	at 50 µm	NC 23/50	1 h	3 h	20 h	24 h <sup>3</sup>
<sup>1</sup> Based on delivery viscosity! Humidity has a decisive influence on drying! <sup>2</sup> with itself (not normally required for top and final coats, except possibly for minimum coat thicknesses) <sup>3</sup> with suitable subsequent coating, e.g. RWE-DB-11-L-7033						

	<b>Viscosity delivery form</b>	340 - 400 mPas				
	<b>Other values</b>	<b>Density</b> [g/cm <sup>3</sup> ] 1,5 ± 0,1	<b>Solids</b> [Weight. %] 72,5 ± 3	<b>Solid volume</b> [%] 53 ± 3	<b>Solid volume</b> [cm <sup>3</sup> /kg] 343 ± 20	<b>Efficiency<sup>1</sup></b> [m <sup>2</sup> /kg] 6,9
		<b>WFF</b> 1,9	<b>DFT<sup>2</sup></b> [µm] 50	<b>Consume</b> [g/m <sup>2</sup> ] 146 ± 20	<b>VOC-content</b> [g/l] (± 20) 433	<b>Temperature resistance<sup>3</sup></b> 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><sup>1</sup> ± 0,5 for 50 µm dry layer thickness (depending on shade)  <sup>2</sup> With layer thicknesses &gt; - µm bubbles may form!  <sup>3</sup> Dry heat</p>						
	<b>Notes</b>	<ul style="list-style-type: none"> <li>• <b>Storage</b> 18 months (in unopened original container. Store cool but frost protected!)</li> <li>• <b>Processing conditions</b> <ul style="list-style-type: none"> <li>❖ 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.</li> <li>❖ Sufficient supply and exhaust air must be provided.</li> </ul> </li> </ul>				