

## PRODUCT INFORMATION

### **CORO SILICO ZINC ME II**

High temperature resistant coating for steel temperature up to 450 °C

<b>Product Description</b>	Coro Silico Zinc ME II is a single-component, silicone-primer used for high temperature cover coatings.
<b>Binding Agent</b>	silicone resin
<b>Pigments</b>	zinc
<b>Solvents</b>	Aromatic/aliphatic hydrocarbons
<b>Fields of Application</b>	steel chimneys, filter plants, garbage incinerating plants, refineries, power plants
<b>Surface Preparation</b>	<ol style="list-style-type: none"> <li>1. Removal of contaminations: <ul style="list-style-type: none"> <li>- Remove oil and grease residues with solvent or detergents</li> <li>- Remove salt residues with a brush or by steam vapor</li> </ul> </li> <li>2. Sand blasting, depending on the requirements, up to grade Sa 2 ½ (standard grade Sa 3 in under-water areas, high-pressure pipelines and welded edge zones)</li> <li>3. Primer Coating with Coro Silico Zinc ME II</li> </ol>
<b>Application Methods</b>	Brush-, roller-, air- and airless-spray application
<b>Application Conditions</b>	Processing temperature > 10 °C Observe dew point! No dampness and condensation allowed.
<b>Layer Thicknesses</b>	20 µm - 30 µm DFT
<b>Viscosity</b>	30 DIN 4 (= Brushing Viscosity) 800 - 1000 mPas
<b>Air Spray</b>	Pressure 3-4 bar Nozzle 0,8 – 1,2 mm Thinner 10 -15 % T-1900
<b>Airless Spray</b>	Pressure 180 bar Nozzle 0,2 - 0,3 mm Thinner 0 - 5 % T-1900
<b>Thinner</b>	Thinner A-851 Rolling Thinner T 1900 Spraying Quantity of admixture of thinners depends on ambient temperature and type of processing.
<b>Equipment Cleaning</b>	Thinner A-851 or Thinner T 1900

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<b>Curing Time</b>	at 20°C, 30 µm DFT dust dry after 10 minutes dry to touch after 15 minutes fully stress after 20 minutes		
<b>Temperature Resistance</b>	up to + 450°C (dry)		
<b>Shelf Life</b>	12 months in unopened original can under cool and dry storing conditions. Cover opened cans with thinner A-851 or T 1900 and close tightly.		
<b>Density</b>	3,6 g/cm <sup>3</sup>		
<b>Solids Content</b>	90 % weight solids 67 % volume solids		
<b>Material Consumption</b>	<b><u>Coro Silico Zinc ME II</u></b> at 30 µm DFT	<b><u>Theoretical</u></b> 160 g/m <sup>2</sup>	<b><u>Practical (Spray)</u></b> 320 g/m <sup>2</sup>
<b>Can Sizes</b>	12 kgs net		
<b>Colour</b>	grey		
<b>V.O.C.</b>	368 g/l		
<b>UN-No.</b>	1263		
<b>RID/ADR/SDR Numbers</b>	3/31c		
<b>Flash Point</b>	+ 28 °C		
<b>Date</b>	March 2004 / EH		

Please pass this data sheet to the person in charge of coating application. Above data and recommendations are based on extensive tests and are to be considered only as guidelines without any obligations. As we are continuously developing and improving our products we recommend to consider the date of this data sheet and, if necessary, to ask if there were changes in the meantime. In case of further questions please contact one of our technical advisors for detailed information at:

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