

PRODUCT INFORMATION

CORO SILICO ZINK ME II

High temperature resistant coating up to 600°C

General Properties

CORO SILICO ZINK ME II is a single-component, silicone-primer used for high temperature cover coatings.

Product Description

Binding Agent: Silicone resin
Pigments: Zinc
Solvent: Aromatic and aliphatic hydrocarbons

Fields of Application

- Steel chimneys
- Filter plants
- Garbage incinerating plants
- Refineries
- Power plants

Surface Pre-Treatment

1. Removal of all contamination before sand blasting:
 - Remove oil and grease residues by solvent or emulsifying agent solution
 - Remove salt residues by brush or by steam vapour
2. Sand blasting, depending on the requirements, up to grade Sa 2 " (standard grade Sa 3 in under-water areas, high-pressure pipelines and welded edge zones)

Packing Units

The products are supplied in the following standard package sizes: 12 kg net

Storage

12 months in unopened original can under cool and dry storing conditions. Cover product in opened cans with **THINNER A-851** or **T-1900** and close tightly.

If the storage time is exceeded, the materials must be tested before use. Higher storage and transport temperatures will reduce the shelf life. The containers must be kept tightly closed. Liquid products must be stored frost-proof.

Safety Measures

The material safety data sheets of the individual components as well as the legal requirements for handling hazardous materials must be observed.

Application

Application Notes	Value		
Application Method	Brushing, Rolling, air- and airless-spraying		
Processing Temperature	> 10°C (Observe dew point!)		
Layer Thickness	20 - 30 µm DFT		
Viscosity	50 - 60 DIN 4 (Brush Viscosity) 800 - 1000 mPas		
Air Spray	Pressure	Nozzle	Thinner
	3 - 4 bar	0.8 – 1.2 mm	10 – 15 % T-1900
Airless Spray	Pressure	Nozzle	Thinner
	180 bar	0.2 – 0.3 mm	0 – 5 % T-1900
Material Consumption	CORO SILICO ZINK ME II 30 µm DFT		
	Theoretical	Practical (Spray)	
	166 g/m ₂	348 g/m ₂	
Thinner	Roller Application:	THINNER A-851	
	Spray Application:	THINNER T-1900	
	Quantity of admixture of thinners depends on ambient temperature and type of processing		
Curing Time	At 20°C, 30 µm DFT		
	Dust dry after:	10 minutes	
	Dry to touch after:	15 minutes	
	Fully stress after:	20 minutes (after heating up to 120 °C)	
Cleaning	THINNER A-851 or THINNER T-1900		

Technical Indicators

Technical Data	Value
Density	3.20 g/cm ³
Solid Content	88 % Weight Solids 66 % Volume Solids
Temperature Resistance	+600 °C
Flash Point	+28 °C
V.O.C.	368 g/l
Colour	Grey
UN-No.	1263
RID/ADR/SDR No.	3/31c
Date	February 2010 / CT