

PRODUCT INFORMATION

CORO SILICO FERRO

highly temperature resistant cover coating up to 600 °C

Product Description:	Coro Silico Ferro is a single-component, silicone-iron filling cover coating with good atmospheric resistance and temperature resistant up to 600 °C.
Binding Agent:	silicone resin
Pigments:	Aluminium iron fillings
Solvents:	Aromatic hydrocarbons
Fields of Application:	steel chimneys, filter plants, garbage incinerating plants, refineries, power plants
Surface pre-treatment	<ol style="list-style-type: none"> 1. Removal of contaminations: <ul style="list-style-type: none"> - Remove oil and grease residues with solvent or emulsifying agent solutions - Remove salt residues with a brush or by steam vapor 2. Sand blasting, depending on the requirements, up to standard grade Sa 2 ½ (standard grade Sa 3 in under-water areas, high-pressure pipelines and welded edge zones) 3. Primering with Coro Silico Zinc ME II
Application Methods:	Brushing, Rolling, air- and airless-spraying
Application Conditions	Processing temperature > 10 °C Observe dew point!
Layer Thickness:	20 µm - 30 µm TSD
Viscosity:	30 DIN 4 (=Brushing Viscosity) 800 - 1000 mPas
Air Spraying:	Pressure: 3-4 bar Nozzle: 1,0 – 1,2 mm Thinner: 10 -15 % T 1900
Airless Spraying:	Pressure: 180 bar Nozzle: 0,24 - 0,28 mm Thinner: 0 - 5 % T 1900
Thinner:	Thinner A-851 Rolling Thinner T 1900 Spraying Quantity of admixture of thinners depends on ambient temperature and type of processing.
Cleaning of equipment:	Thinner A-851 or Thinner T 1900



Drying:	at 20 °C, 30 µm TSD dust dry after: 30 minutes fast to handling after: 80 minutes fully stressable: 20 minutes (after heating up to 120 °C)
Temperature Resistance	+ 600 °C
Shelf Life:	6 months in unopened original can under cool and dry storing conditions. Cover opened cans with thinner A-851 or T 1900 and close tightly
Density:	1,93 g/cm ³
Solid:	77 % weight 51 % volume
Material Consumption:	CORO Silico Ferro <u>Theoretically:</u> <u>Practically (spray)</u> 30 µm TSD: 114 g/m ² 228 g/m ²
Available in cans of:	8 kg net
Colour:	grey
V.O.C.:	440 g/l
UN-No.	1263
RID/ADR/SDR Numbers:	3/31c
Flash Point:	+ 28 °C
Date:	June 2003

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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