

VULKAN

1127.

Silicon enamel with resistance to very high temperatures

11/02/20 rev.04

Description and use

Product based on silicone resins highly resistant to heat and pigments designed to be stable at high temperatures (over 500°C, 932°F).

Recommended to paint metal chimneys, ovens, chemical plants exposed to high temperatures, piping used for overheated steam or diathermic fluids, exhaust pipes, manifolds and wherever temperatures may reach 500 ÷ 600°C.

Technical data

Colour	:	black and aluminium
Binder	:	silicon resin
Dry film appearance	:	matt
Practical cover rate*	:	7 ÷ 8 m ² /l per two coats
Storage life	:	12 months in original sealed container.

*The cover rate is calculated on the suggested thickness and applied on plane and regular surfaces.

NB: Data recorded @ 20°C (68°F).

Application note

Substrate preparation	:	<u>FERROUS SURFACES:</u> we recommend sand-blasting to SA2.5 grade, or thorough mechanical cleaning, followed by degreasing with solvents.
Product preparation	:	Stir well to achieve even colour and consistency.
Reduction	:	15 ÷ 20% with DILUENTE NITRO ANTINEBBIA (cellulose thinner) code 1616 for the spray application, 5 ÷ 10% when using a brush or roller.
Application method*	:	- air mix spray gun with nozzle Ø 1.5 ÷ 1.7 mm and pressure of 3 ÷ 4 bar. - airless spraying - brush - roller
Recommended thickness	:	40 ÷ 50 µm dry film
Air drying (20°C – 65% HR)	:	Dust free : 10 ÷ 20 minutes Dry through : 24 hours Cross-link : 1 hour @ 200 ÷ 250°C (396 ÷ 482°F)

NOTE:

To ensure chemical and mechanical resistance, the product requires heating up to 200 ÷ 250°C for about 1 hour, to allow full resin cross-linking.

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Information provided in this technical data sheet is based upon our best experience and technical knowledge; it does not absolve the users from carrying out tests and preventive checks in order to verify the suitability for use. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE.

FOR INDUSTRIAL USE ONLY

Exclusively for use not restricted from Directive 2004/42/EC.

This note replaces all the previous ones. Please, make sure to have the latest issue. The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control.

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