Intended use

High heat-resistant special coating based on silicon resin that is perfectly suitable to be applied on steel substrate like e.g. exhaust systems, ovens, barbecue grills, and so on. Heat resistance up to 800°C.

Spreading rate: 9,0 - 12,0 m²/l

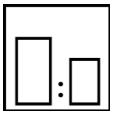
Processing instructions



Colour

silver

black



Mixing ratio

Hardener	by weight (lacquer : hardener)	by volume (lacquer : hardener)
--	--	--



Hardener

for complete paintwork	for partial paintwork
--	--



Pot life

--



Thinner

ready to use



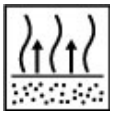
Spray viscosity

gravity spray gun	Airmix/Airless
--	--



Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	Thinner
gravity spray gun (high pressure)	--	2 - 2,5	1,3 - 1,5	2	--
HVLP (low pressure)	--	2 - 2,2	1,3 - 1,5	2	--
HVLP / internal nozzle pressure	--	0,7	--	--	--
Airmix / Airless	--	100 - 120	0,23 - 0,28	1 - 2	--



Flash-off time

5 - 8 min between coats

10 - 15 min before oven drying

Dry coat thickness

15 - 20 µm

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Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
20 °C	30 - 60 min	5 h*	24 h	--	--
60 °C	10 - 15 min	40 - 60 min*	after cooling	--	--

Note

Storage: at least 3 years in unopened original container

VOC Regulation : EU limit value for this product (category B/e): 840 g/l
This product contains max. 750 g/l of VOC.

Processing conditions: From +10 °C and up to 80 % relative air humidity. Ensure an adequate air ventilation.

Processing instructions: *set to touch only to a limited extent, slight chalking possible. A limited resistance to solvents (temporary exposure) is achieved after approx. 1-2 hours at 200°C. Optimal film properties and full chemical and mechanical resistance are obtained after the first exposure to heat (approx. 1 hour at minimum 400 °C). To avoid boiling in case of premature heat exposure, allow long flash-off times. Application by brush or roller is only possible to a limited extent.

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