

**SERIES 8130.0300 SILITERM 500°C – SILICONIC ALUMINIUM FOR HIGH TEMPERATURES**
**Uses**

Aluminium paint for the painting of manufactures subjected to high temperatures, around 500° C. and peaks up to 600° C. Suitable for smoke-stacks and metal chimneys, hoods, ovens and stoves, mufflers and exhausting pipes, etc.

**General data**

Polymerisation being done, the Siliterm's characteristics are:

- excellent cohesion on iron
- high reflecting power of light and heat (infra-red rays)
- high hiding power
- quick drying

**Technical features** (data gathered at the temperature of 20°C)

Viscosity Ford Cup 8	Secs	12 ± 2
Specific gravity	kg/lt	1,260 ± 0,040
Solids	%	56 ± 2
Optimal thickness for each coat	micron	40 - 50
Theoretical spreading rate	mq/lt	8 - 9
Adhesion (cross test)	%	100
Appearance	gloss	5 (matt)
Thinner	Code	9120.0004
Dust free	Minutes	15
Touch free	Minutes	45
Drying in oven		Siliterm can physically dry at ambience temperature, but in order to better perform its protective function must be "cooked", after the application or before the use at 200 +/- 10°C for 2 hours.

**Application modalities**

By brush	To dilute with	9120.0004 at 2 - 3%
By spray gun	To dilute with	9120.0004 at 5 - 6%
Spray gun	Nozzle size	mm 1,5
	Pressure	Atm 3 - 4
Airless	Nozzle size	0,013 - 0,019 inches
	pressure	120 - 160 kg/cm <sup>2</sup>
	compression ratio	30 ÷ 1

**Recommended painting cycles**

On iron sanded at the SA 2,5 - 3 grade. When sanding would not be possible, deeply use abrasive paper in order to remove any sign of rust and calamine.

This paint may be applied in two coats as a primer and final coat or as a final coat on inorganic zinc coat 1340.0009.

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