



## TECHNICAL DATA SHEET

8HG2.00090

SMALTO SILICONICO ALLUMINIO ALTE T.

Creation date 24/03/16  
Rev. 0

GENERAL INFORMATIONS		
One-component silicone paint with excellent resistance to high temperatures. It is suitable for the painting of products subjected to continuous temperatures of 500°C and maximum peaks of 600°C such as: fireplaces, interior of ovens not used for food, boilers, mufflers, etc..		
FINISHED PRODUCT CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1.05 ± 0,1 Kg/L	
VISCOSITY	R3 200 cP at 20°C	Brookfield Method
SOLIDS CONTENT	44 ± 1% (weight)	Theoretical calculation
YIELD: (50 µm dry)	8-9 m <sup>2</sup> /Kg	Theoretical calculation
OPACITIES	65-60 Gloss	Glossmeter 60°
VOC gr/l (Dir. 2010/75/EC)	692 g/L	
AVAILABLE COLOURS	Alluminium	
CATALYSIS	This product does not require catalysis	
NATURE OF THE BINDER	Silicone and acrylic resin	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS	
APPLICATION MODE	
BRUSH, ROLLER	Recommended only for retouching operations or on surfaces of limited size. Dil. 5-10% with SYNTHETIC DILUENT
SPRAY	Dilution 10-15% DILUENTE NITRO ANTINEBBIA or DILUENTE SINTETICO. Nozzle pressure: 3 bar Nozzle diameter: 1.7 mm
<i>The product must be applied in thicknesses not exceeding 20-25 dry microns.</i>	
HARDENING	
DUST FREE	15 min
TOUCH FREE	1 hour
DEEP HARDENING	24 hours
COMPLETE DRYING	After cooking 10/20' at 250 °C
Curing times may vary considerably depending on the thickness applied. Temperature can also have a significant influence on the temperature, especially on the evaporation of solvents. The temperature of the substrate must be at least 3 degrees above the dew point.	

OVERPAINTING
The product is not suitable for overpainting once applied.
SURFACES PREPARATION



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The product is applied directly on the metal substrate or on refractory substrates, after verification of adhesion, free of contaminating surfactants.

If anticorrosive properties are required, it is possible to apply our INORGANIC ZINCANTE, 7NG4.ZINCA.

The heat resistance, in this case, will decrease up to a temperature of 400 °C.

### ENVIRONMENTAL CONDITIONS

The temperature of the substrate and exterior must be at least 3 degrees above dew point.

### TOOLS CLEANING

The tools can be cleaned from the uncured product with DILUENTE NITRO ANTINEBBIA.

### STORAGE

In a cool and dry place, and in a well sealed tin, the product is stable for at least 12 months.

The information given in this technical data sheet is indicative and based on our knowledge derived from experience and experimentation and can in no way constitute a guarantee. The purchaser/user decides independently on the suitability of the product for his own requirements in the context of the specific field of use. For safety information please refer to the relevant toxicological data sheet.