

TECHNICAL DATA SHEET

JHG4

SMALTO SILICONICO 300°C

Creation date
Latest update
Rev.

27/04/20
08/01/26
1

GENERAL INFORMATIONS		
Aluminium coloured enamel based on precious silicone and acrylic resins, suitable for painting iron or steel products that can reach temperatures of 300°C. Thanks to its remarkable reflective properties, it is successfully used for painting roofs in order to reduce heat absorption.		
FINISHED PRODUCT CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1.0 ± 0,1 Kg/L	
VISCOSITY	R3 300 cP at 20°C	Brookfield method
SOLID CONTENT	42 ± 1% (weight)	Theoretical
YIELD: (50 dry µm)	8-9 m²/Kg	Theoretical calculation
BRIGHTNESS	4-5 Gloss	Pre-baking
	1 Gloss	After cooking
AVAIALE DYES	Aluminium.	
CATALYSIS	This product does not require catalysis	
BINDER NATURE	Silicone and acrylic resin	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS	
APPLICATION MODE	
SPRAY	Dilution 0-10% SYNTHETIC DILUENT. Nozzle pressure: 3 bar Nozzle diameter: 1.2 mm
RECOMMENDED THICKNESSES	30 µm dry (100 µm humid)
HARDENING	
DUST FREE	15 min
TOUCH FREE	1 hour
DEEP HARRDENING	12-24 hours
<i>The product physically dries at room temperature, the final hardening takes place when the temperature of 200°C or higher is reached.</i>	

OVERPAINTING
The product is not suitable for overpainting once applied.
SURFACES PREPARATION
Surfaces must be thoroughly degreased and free of impurities.
ENVIRONMENTAL CONDITION
The temperature of the substrate and exterior must be at least 3 degrees above dew point.
TOOLS CLEANING



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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.
