



TECHNICAL DATA SHEET

8AG4.00498

SILICONIC ENAMEL A/C

Creation date
Rev.

22/11/23
0

| GENERAL INFORMATIONS | | |
|--|---|-------------------|
| Single-component silicone enamel with excellent resistance to high temperatures and colour stability at temperature above 500°C. It is ideal for painting objects that must withstand continuous temperatures of 500°C and peaks of 600°C, such as chimneys, non-food ovens, boilers, mufflers, etc. | | |
| FINISHED PRODUCT CHARACTERISTICS | | |
| | | NOTES |
| SPECIFIC WEIGHT | 1.25 ± 0,1 Kg/L | |
| VISCOSITY | 22-25" at 20°C | Brookfield Method |
| SOLID CONTENT | 56 ± 1% (weight) | Theoretical |
| YIELD: (50 µm dry) | 9-11 m ² /Kg | Theoretical |
| BRIGHTNESS | 8-10 Gloss | Glossmeter 60° |
| AVAIALE DYIES | Black | |
| CATALYSIS | This product does not require catalysis | |
| BINDER NATURE | Silicone and acrylic resin | |

| TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS | |
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| <i>APPLICATION MODE</i> | |
| SPRAY | Dilution 10-15% NITRO THINNER Nozzle pressure: 3 bar Nozzle diameter: 1.7 mm |
| <i>The product must be applied in thicknesses not exceeding 20-25 dry microns.</i> | |
| <i>HARDENING</i> | |
| DUST FREE | 15 mins |
| TOUCH FREE | 40-45 mins |
| COMPLETE HARDENING | After oven curing for 20' at 200 °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. | |

| OVERPAINTING |
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| The product is not suitable for overpainting once applied. |
| SURFACES PREPARATION |
| 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. In this case, the heat resistance 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. |

Vivcolor s.r.l.



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| TOOLS CLEANING |
| The tools can be cleaned from the uncured product with NITRO THINNER. |
| STORAGE |
| In a cool and dry place, and in a well sealed tin, the product is stable for at least 12 months. |

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| <p>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.</p> |
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