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Heat Resistant Acrylic Modified Silicone Paint, series 764000

Description and main features

Acrylic modified silicone paint.

Good resistance to high temperature and to corrosion.

Recommended use: long term protection of exhaust pipes and hot surfaces.

Technical data

Finish	Semi-gloss (*) (**)
Color	Grey, aluminium; other RAL shades on request (*) (**)
Specific gravity	1,08 ± 0,05 kg/dm ³ at 23°C according to ISO 2811-1, referring to RAL 7000 series 764405(*)
Solid content	By weight 45 ± 2% referring to RAL 7000 series 764405 (*)
	By volume 34 ± 2%(*)
VOC	550 g/kg (*)
Viscosity	60"- 90" at 23°C DIN cup n°4 according to ISO 2431 (*) (**)
Drying time	At 23 °C ,50% RH, good ventilation, DFT 50 µm, Touch dry: 4 h according to internal method MS 035 based on ISO 4622 Hard dry: 48 h according to internal method MS 036 based on ISO 4622 (*)
	<i>Drying times can vary depending on DFT and environmental conditions</i>

Thinning

Thinning	10-20% by Thinner S EC code 900033 at application viscosity
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Application data

Method	Air spray, airless or electrostatic.	
Airless or airmix	Pump ratio	30:1
	Nozzle orifice	011-013"
	Nozzle pressure	140-180 atm
	<i>Filters must fit the used nozzle.</i>	
	<i>Indicative data; it is the user's responsibility to chose the right equipment.</i>	



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Suggested Primers	None. It can be applied on top of Inorganic Zinc Silicate 760205
Application conditions	Sandblasting to SA 2 ½ according to ISO 8501-1: 1988 or on top of Inorganic Zinc Silicate 760205 applied at least 48 h before.

Recommended DFT

Recommended DFT	30-60µm
Theoretical consumption	95-190 g/m ² (*)
Practical spreading rate	30-40% lower than the theoretical, by airless application.
Number of coats	ONE

Specific tests

The paint, if correctly applied, withstands temperatures up to 300°C in the shades dark grey, black and aluminium. Other shades withstand up to 250 °C. Temperatures higher than 200°C can cause slight colour variations. In ideal conditions the product withstands more than 200 h at salt spray test (ISO 7253)

Storage indications

Shelf life: 12 months, provided the cans are kept sealed and undamaged, into a cool and dry place with temperature between 5 and 35°C.

(*) indicative value, depending on the color - (**) parameters subject to testing for each batch

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