
BLACK OPAQUE ENAMEL FOR HIGH TEMPERATURE

Code R27.82.960.7

PRODUCT DESCRIPTION

Product based on siliconic resins modified resistant to high temperatures, drying on air and oven.

APPLICATION FIELDS

It's a MATT BLACK coloured product formulated for the coating of metal structures which require a high temperature resistance with a pleasant and customized aesthetic effect.

PRODUCT SPECIFICATIONS


Dry content	44% ± 1%	(Internal system)
Viscosity CF ⁴ at 20° C	110"	(UNI EN 535)
Specific gravityt	1200 gr/lt ± 20 gr/lt	(UNI 8910)
Theoretical coverage	6/7 m ² /kg	
Recommended thickness	15/20 µm	
Film appearance	opaque	
Impact resistance	Excellent	(UNI 8901)
Adhesion (cross-cut test)	Classification 0	(UNI 2409)

(The edges of the cuts are perfectly undamaged: no small square came off)

Temperature resistance 450°C in muffle


(Upon reaching the continuous temperature of 450°C the appearance of the film suffers a loss of brilliance)

APPLICATION

Modality		THINNER 75.15.0110.0	Vix of application CF ⁴ at 20° C
	Conventional spray Injector 1,2-1,4 mm Ø Pressure 3,5-4 atm	25-30%	18"/20"

The amount and the percentage of thinner is a function of the type of equipment. The use of a preheater enamel in the system is a valuable aid in the reduction in the use of the thinner. The temperature causes, in fact, a substantial reduction in the viscosity of the coating product.

DRYING

Air		Dust free 10'/15'	20°C
		Tack free 30'/40'	20°C
		Complete hardening 12/14h	20°C

The drying can be accelerated with a baking in an oven at 60 ° / 80 ° C

The product, however, gets the maximum resistance at the time when the product reaches the maximum temperature.

Oven		15'	180°C
		10'	200°C

RECOMMENDED CYCLES

Carefully clean the surface to be painted.

NOTES

For any other information, please refer to the appropriate Material Safety Data Sheet.

IMPORTANT NOTE: The information in this sheet are not intended to be exhaustive and is based on our current knowledge and on current laws: anyone who uses the product for purposes other than those specifically recommended in the data sheet without first obtaining written permission, does it at his/her own risk. This information is given only as a guide and cannot engage the responsibility of our company nor provide a pretext for disputes of any kind that might still be associated with the use of the described products. Any suggestions or statements made by us regarding the product (in this sheet and in other ways) are correct to the best of our knowledge, however, are beyond our control the quality or state of the substrate or the many external factors affecting the use or application of the product. Consequently, in the absence of a specific written agreement, we accept no liability for product performance or for any loss or damage caused by it. All products and the technical advices provided are subject to our standard terms and conditions of sale. The information contained in this form are subject to periodic changes in the light of experience and our policy of continuous development. It is user's responsibility to check that this sheet is current prior to using the product.