Vivcolor s.r.l.

TECHNICAL DATA SHEET 5AG4 VIVEPOX OPAQUE ENAMEL





Data creazione 27/10/2020 Rev. 0

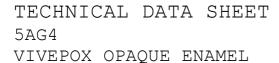
GENERAL INFORMATIONS

Two-component epoxy-polyamide finish with high resistance to water and contact with oils, solvents, petrol, acids and bases. Excellent adhesion on metal surfaces. It is used in the painting of machine tools or products exposed to heavy industrial atmospheres. It is not recommended to use the product as an outdoor finish if high aesthetic characteristics are required.

CHARACTERISTIC OF THE SUPPLY		
		NOTES
SPECIFIC WEIGHT	$1.45 \pm 0,1 \text{ Kg/L}$	
VISCOSITY	R4 6500 cP at 20°C	Metodo Brookfield
SOLID CONTENT	78 ± 1% (weight)	Theoretical calculation
YIELD: (50 m secchi)	5-7 m²/Kg	Theoretical calculation
OPACITY	5-10 Gloss	Glossmetro 60°
AVAIABLE DYIES	All dyies avaiable	
CATALYSIS	20% with HDR5N100G4 (weight)	
BINDER NATURE	Epoxy resins, polyamide adducts.	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS		
RESISTANCES		
ATMOSPHERIC AGENTS	Very Good	
NORMAL INDUSTRIAL ATMOSPHERE	Excellent	
HEAVY INDUSTRIAL ATMOSPHERE	Excellent	
MARINE ATMOSPHERE	Good	
HIGH HUMIDITY ENVIRONMENTS	Good	
ALTERNATING IMMERSION IN WATER	Excellent	
CONTINUOUS IMMERSION IN WATER	Good	
ORGANIC ACIDS	Medium	
INORGANIC ACIDS AND ALKALIS	Good	
ALIFATICALS	Very Good	
AROMATICS	Very Good	
ALCOHOLS	Good	
ACID SALTS	Excellent	
ALCALINI SALTS	Excellent	
OILS AND FATS	Very Good	
TEMPERATURE	Continue: 100°C	
	Peaks: 150°C (2/3 hours)	
APPLICATION MODE		
BRUSH, ROLLER	Dil. 5-15% with DILUENTE EPOSSIDICO	
	TH5.1300	
SPRAY	Diluition 10-20% DILUENTE EPOSSIDICO	
	TH5.1300.	

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Noozle diameter: 1.6 mm		
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It is advisable to apply VIVEPOX SMALTO OP. in thicknesses 50 micron dry per coat.	; not exceeding	in thicknesses not exceeding

50 micron dry per coat.

HARDENING	
DUST FREE	30 min
DEEP HARDENING	24 hours
COMPLETE DRYING	15 days

Curing times may vary considerably depending on the thickness applied. A high thickness can compromise deep drying. The temperature can also have a significant effect on the drying process, especially on the evaporation of solvents. The temperature of the substrate must be at least 3 degrees above the dew point.

SURFACES PREPARATION

The surfaces must be thoroughly degreased and free of impurities.

The data reported refer to tests carried out on sandblasted iron (SIS SA 2).

ENVIRONMENTAL CONDITION

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 can, both the hardener and VIVEPOX are 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.