

TECHNICAL DATA SHEET

5AG4P

VIVEPOX OPAQUE FLOOR ENAMEL

Creation date 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. This particular enamel is suitable for applications on cement and floors. The textured version has excellent anti-slip properties. It is not recommended to use the product as an outdoor finish in case high aesthetic characteristics are required.		
CHARACTERISTICS OF THE SUPPLY PRODUCT		
		NOTES
SPECIFIC WEIGHT	1.45 ± 0,1 Kg/L	
VISCOSITY	R4 7500 cP at 20°C	Brookfield method
SOLIDS CONTENT	78 ± 1% (weight)	Theoretical
YIELD: (50 m dry)	5-7 m²/Kg	Theoretical
OPACITIES	5-10 Gloss	Glossmeter 60°
AVAILABLE COLOURS	All dyes available	
CATALYSIS	20% with HDR5N100G4 (weight)	
NATURE OF THE BINDER	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 ore)
APPLICATION MODE	
BRUSH, ROLLER	Dil. 5-15% with DILUENTE EPOSSIDICO TH5.1300
SPRAY	Diluizione 10-20% DILUENTE EPOSSIDICO TH5.1300. Nozzle pressure: 3.5 - 4 bar Nozzle diameter: 1.6 mm
<i>It is advisable to apply VIVEPOX SMALTO OP. FOR FLOORS in thicknesses</i>	



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<i>not exceeding 50 dry microns per coat</i>	
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.
<i>The data reported refer to tests conducted on sandblasted iron (SIS SA 2)</i>
ENVIRONMENTAL CONDITIONS
The temperature of the substrate and exterior must be at least 3 degrees above dew point.
TOOLS CLEANINGS
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.