



TECHNICAL DATA SHEET

5AG1P

VIVEPOX SMALTO PER PAVIMENTI
(FLOOR COATING VIVEPOX ENAMEL)

Creation date 08/07/15
Latest update 02/02/21
Rev. 5

GENERAL INFORMATIONS		
Two-component epoxy-polyamide finish with high resistance to water and contact with oils, solvents, gasoline, acids and bases. This particular enamel is suitable for applications on cement and floors. The textured version has excellent non-slip properties. It is not recommended to use the product as an outdoor finish in case high aesthetic characteristics are required.		
FINISHED PRODUCT FEATURES		
		NOTES
SPECIFIC WEIGHT	1.4 ± 0,1 Kg/L	
VISCOSITY	R4 7000 cP at 20°C	Brookfield method
SOLIDS CONTENT	78 ± 1% (weight)	Theoretical
YIELD: (50 micron dry)	5-7 m²/Kg	Theoretical
OPACITY	80-85 Gloss	Glossmeters 60°
<i>In the TEXT version the brightness will be lower depending on the degree of antiskid obtained.</i>		
VOC gr/l (Dir. 2010/75/CE)	324 g/L	Theoretical
AVAIALE DYES	All dyes are available	
CATALYSIS	20% con HDR5N100/HDR5R100 (by weight) 30% con HDR5N100/HDR5R100 (by volume)	
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
APPLICATION MODE	
BRUSH, ROLLER	Dil. 5-10% with EPOXY THINNER - TH5.1300



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SPRAY	Dilution 10-20% with EPOXY THINNER - TH5.1300. Nozzle pressure: 3.5 - 4 bar Nozzle diameter: 1.6 mm
HARDENING	
OUT DUST	30 min
IN DEPTH	24 hours
COMPLETE DRYING	15 days
Curing times may vary considerably depending on the thickness applied. A high thickness can compromise deep drying. Temperature can also have a significant effect on hardening process, especially on the evaporation of solvents. Substrates coated with 5AG1P can be applied after complete hardening, which normally takes 7 days after application.	

SURFACE PREPARATION
Surfaces must be thoroughly degreased and free of impurities.
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 our NITRO THINNER - TH4.1000.
STORAGE
In a cool and dry place, and in a well sealed can, both the hardener and the enamel are stable for at least 12 months.

The information on this data sheet is indicative and based on our knowledge derived from experience and experimentation and can in no way constitute a guarantee. The buyer/user decides independently the suitability of the product with respect to his own needs in the context of the specific field of use. Please refer to the relevant toxicological data sheet for safety information.