



TECHNICAL DATA SHEET  
5AG1P  
FLOOR COATING VIVEPOX ENAMEL

Creation date 08/07/15  
Latest update 14/03/25  
Rev. 8

GENERAL INFORMATIONS		
A two-component epoxy-polyamide finish with high resistance to water and contact with oils, solvents, petrols, acids and bases. This particular enamel is suitable for applications on concrete and floors. The textured version has excellent anti-slip properties. It is not recommended for use as an exterior finish if high aesthetic properties 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 m <sup>2</sup> /Kg	Theoretical
BRIGHTNESS	85-75 Gloss	Glossmeters 60°
<i>In the TEXT version the brightness will be lower depending on the degree of antiskid obtained.</i>		
AVAILABLE 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



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<i>APPLICATION MODE 20°C</i>	
BRUSH, ROLLER	Dil. 5-10% with EPOXY THINNER - TH5.1300
SPRAY	Dilution 10-20% with EPOXY THINNER - TH5.1300. Nozzle pressure: 3.5 - 4 bar Nozzle diameter: 1.6 mm
POT LIFE	4 hours
<i>HARDENING 20°C</i>	
OUT DUST	30 min
IN DEPTH	24 hours
COMPLETE DRYING	15 days
Hardening times may vary considerably depending on the thickness applied.	

<b>SURFACE PREPARATION</b>
<p>Remove loose parts: Remove any loose parts from the surface, such as old peeling paint or debris.</p> <p>Dusting: Thoroughly clean the surface with a brush or cloth to remove dust and debris.</p> <p>Make sure the surface is dry: Do not apply the enamel to damp surfaces or surfaces subject to rising damp. If in doubt, wait for the surface to dry completely.</p> <p>Remove contaminants: For best adhesion, it is essential to remove traces of oils, grease, silicones and old paint. If a completely clean surface cannot be achieved, light sandblasting is recommended.</p> <p>Pre-treatment for helicopter concrete surfaces: For very shiny and smooth surfaces, pre-treatment with muriatic acid (minimum concentration 6%) is necessary. Leave the acid to react completely and rinse thoroughly with tap water. Make sure the surface is completely dry before applying the enamel.</p> <p>Do not apply on damp substrates or those subject to rising damp.</p>
<b>ENVIRONMENTAL CONDITIONS</b>
<p>The temperature of the substrate and exterior must be at least 3 degrees above dew point.</p>

# Vivcolor s.r.l.



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<b>TOOLS CLEANINGS</b>
The tools can be cleaned from the uncured product with our NITRO THINNER - TH4.1000.
<b>STORAGE</b>
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.