



TECHNICAL DATA SHEET

5AG4P

VIVEPOX MATT FLOOR ENAMEL

Creation date 27/10/20
 Latest update 17/02/25
 Rev. 2

GENERAL INFORMATIONS		
Two-component epoxy-polyamide topcoat with high resistance to water and contact with oils, solvents, thinners, acids and bases. Excellent adhesion on metal surfaces. 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.		
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 µm dry)	5-7 m ² /Kg	Theoretical
BRIGHTNESS	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	
<i>RESISTANCES</i>	
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)



TECHNICAL DATA SHEET

5AG4P

VIVEPOX MATT FLOOR ENAMEL

Creation date 27/10/20
Latest update 17/02/25
Rev. 2

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

SURFACES PREPARATION
<p>Remove loose parts: Remove any loose parts from the surface, such as old peeling paint or debris</p> <p>Dusting: Clean the surface thoroughly with a brush or cloth to remove dust and debris.</p> <p>Make sure the surface is dry: Do not apply the enamel on 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>
ENVIRONMENTAL CONDITIONS
<p>The temperature of the substrate and exterior must be at least 3 degrees above dew point.</p>

Vivcolor s.r.l.



TECHNICAL DATA SHEET
5AG4P
VIVEPOX MATT FLOOR ENAMEL

Creation date 27/10/20
Latest update 17/02/25
Rev. 2

TOOLS CLEANINGS

The tools can be cleaned from the uncured product with NITRO THINNER.

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.