



TECHNICAL DATA SHEET

5AS1

VIVEPOX SIGNAL MATT - EPOXY ENAMEL FOR SIGNAGE

Creation date
Rev.

17/01/24
0

GENERAL INFORMATIONS		
It is a matt two-component epoxy-polyamide finish that guarantees high resistance to water and contact with oils, solvents, petrols, acids and bases. This special enamel is recommended for applications on concrete and signage. 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: (100 micron dry)	5-6 m ² /Kg 50-60 m/Kg	Theoretical
<i>The calculation of linear metres refers to a continuous line with a width of 10 cm</i>		
BRIGHTNESS	15-20 Gloss	Glossmeters 60°
<i>In the TEXT version the brightness will be lower depending on the degree of antiskid obtained.</i>		
AVAIALE DYES	All dyes are available	
CATALYSIS	20% con HDR5N100G4 (by 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



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APPLICATION MODE	
BRUSH, ROLLER	Dil. 10-15% with EPOXY THINNER - TH5.1300
SPRAY	Dil. 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 HARDENING	15 days
Hardening times may vary considerably depending on the thickness applied.	

SURFACE PREPARATION
Cement surfaces must be dry, clean and free of crumbling parts or debris that could in any way cause the paint to detach. It is best to make the surface on which the product will be applied rough to facilitate absorption of the paint.
ENVIRONMENTAL CONDITIONS
Particularly cold temperatures or environments with high relative humidity can slow down or change the characteristics of the system, which is affected by atmospheric conditions during the painting phase, so it is advisable to apply and initial dry in environments with a temperature above 10-15 °C and a relative humidity of max. 75 %. At temperatures above 25-30 °C it is advisable to use a suitable retardant thinner or a larger quantity of the thinner normally used, in order to avoid the formation of dots and bubbles (pinpricks) on the paint film. Light rain, high humidity or the formation of condensation during the 16 hours following application (20°C) can irreversibly corrupt the film formation. The temperature must be at least 3 degrees above the 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.