



TECHNICAL DATA SHEET

5FG2W

VIVEPOX SMALTO 2K WB PER PAVIMENTI

Creation date 27/11/19
Rev. 0

GENERAL CHARACTERISTICS		
Two-component water-dilutable epoxy enamel for cement floors and substrates, with excellent covering power, chemical resistance and low dirt grip. The product is easy to clean with detergents diluted in water.		
FINISHED PRODUCT CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1,46 ± 0,1 White Kg/lt 1,30 ± 0,1 Dyes Kg/lt	Part A
	1,05 ± 0,1 Kg/lt	Part B
VISCOSITY	Tixotropic	Not calculable
SOLIDS CONTENT	55 ± 2% White (weight) 45 ± 2% Dyes	Part A - Theoretical
	37 ± 2% (weight)	Parte B - Theoretical
YIELD: (50 µm dry)	7-8 m ² /Kg	Theoretical
VOC gr/l (Dir. 2010/75/EC)	See safety data sheet	
AVAILABLE COLOURS	White - Colours on request	
CATALYSIS RATIO	25% in weight with HDR5W020.	
<i>Before mixing Comp. A with Comp. B it is recommended to mix well each of the individual components.</i>		
PRODUCT NATURE	Two-component epoxy-polyamine resin	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS	
RESISTANCES	
ATMOSPHERIC AGENTS	Very good
NORMAL INDUSTRIAL ATMOSPHERE	Good
HEAVY INDUSTRIAL ATMOSPHERE	Good
MARINE ATMOSPHERE	Good
HIGH HUMIDITY ENVIRONMENTS	Very good
APPLICATION MODE	
BRUSH, ROLLER	Dil. 10% First coat, 5-10% second coat with demineralised water
SPRAY	Dilution 5-10% with demineralised water Nozzle pressure: 3 atm Nozzle diameter: 2 mm
HARDENING	
OUT DUST	30 min
OUT OF TACT	6-7 hour
IN-DEPTH	48 hour
COMPLETE DRYING	10 days
POT LIFE	8 hours not visible



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At higher temperatures the pot-life decreases. It is absolutely not necessary to apply a product that has exceeded the pot-life limits, as films are formed that do not give sufficient guarantees of adhesion and chemical resistance.

Drying can be forced in the oven at a temperature of 60°C for 40-60 min.

Curing times may vary considerably depending on the thickness applied. A high thickness can compromise deep drying. Temperature can also have a significant influence on the temperature, especially on the evaporation of solvents. The temperature of the substrate must be at least 3 degrees above the dew point.

OVERPAINTING

At least after 24 hour and not after 36 ore.

SURFACES PREPARATION

Due to their very low content in organic solvents, water-based coatings are characterised by a low wettability of the substrate, which is much lower than traditional solvent-based products.

The presence on the substrate of substances such as grease, oil, grease and dirt (and of course, for other reasons, rust and calamine) is therefore not tolerated.

Carefully examine the surface to be treated to ensure that it is a suitable and structurally sound base.

In case of new or smooth quartz helicopter floors, wait at least 8 weeks.

The concrete substrate must be dry, clean, free of oils, grease, crumbly parts and statically stable and resistant. It must also be cured for at least 30 days at 20°C and in any case with a residual moisture content of less than 5% measured at a depth of at least 4 cm. Any saline efflorescence present must be removed by sanding, shot peening or chemical pickling using a suitable product available on the market.

- Apply a first coat of VIVEPOX PRIMER 2K WB (5TG1W000EP) hardened and diluted at least 300% with water.

- Apply successively (after 24h) 2 coats of VIVEPOX 2K WB PER PAVIMENTI catalyzed and diluted as described above, with an interval of 24h from each other.

- To enhance the brightness and the total resistance, it is possible to apply a protective coat of VIVEPOX PRIMER 2K WB (5TG1W000EP) hardened and diluted at 10% with water respecting a time interval between 24h and 36h.

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 WATER or ACETONE.

Vivcolor s.r.l.



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STORAGE

Water-based products fear frost. Therefore store in an environment with a temperature between +5° and +35° C. In unopened packages, in a cool, dry place away from heat sources, it is 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.