



## TECHNICAL DATA SHEET

5BG4.Z80

VIVEPOX ZINC BASED Z80

Creation date 28/05/15  
Latest update 11/12/24  
Rev. 4

GENERAL INFORMATIONS		
Corrosion inhibiting epoxy-polyamide primer with high zinc content, 88% on dry residue (A+B). The special pigmentation guarantees effective cathodic protection, making the product suitable for applications intended for exposure to corrosive atmospheres (industrial and marine). Ideal as a base coat for subsequent epoxy, polyurethane, acrylic, vinyl, phenolic, silicone and chlorinated rubber systems; overpainting with synthetic enamels is not recommended.		
PHISICAL AND CHEMICAL CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	2.85 ± 0,1 Kg/L (A) 2.34 ± 0,1 Kg/L (A+B)	
VISCOSITY	Tixotropic	
SOLID CONTENT	85 ± 1% (by weight) 53 ± 1% (by volume)	Theoretical
SPREAD REATING: (75 µm dry)	3.5 m <sup>2</sup> /Kg	Theoretical
CATALYSIS	12% with HDR5.ZINCA (by weight)	
AVAIALE DYES	Zinc grey	
BINDER NATURE	High molecular weight epoxy resins, polyamides	

TECHNOLOGICAL AND RESISTANCES CHARACTERISTICS	
RESISTANCES	
ATMOSPHERIC AGENTS	Good
NORMAL INDUSTRIAL ENVIROMENTS	Good
HIGH UMIDITY ENVIROMENTS	Good
ALTERANTE WATER IMMERTIONS	Excellent
CONTINUOUS WATER IMMERSION	Good
ACIDS	Poor
ALKALINES	Poor
FLEXIBILITY	Good
TEMPERATURE	Max: 120°C
IMPACT RESISTANCE	Good
CORROSION RESISTANCE (ASTM B 117)	
Dry film thickness: 85 µm - rest: 10 days at 25 °C After 1400 hours no blistering detect, rust at 0.5 mm from the incision.	
APPLICATION MODE	
BRUSH, ROLLER	Dil. 5-10% TH5L001 (DILUENTE EPOSSIDICO LENTO).
SPRAY	Dil. 15% TH5.1301 (DILUENTE EPOSSIDICO). Pressure: 3-4 bar Ø nozzle: 2.1-2.9 mm
During the application the product must be constantly stirred to avoid sedimentation.	



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HARDENING TIMES	
DUST FREE	40 mins
TOUCH FREE	2 hours
DEEP HARDENING	12-24 hours
COMPLETE HARDENING	7-10 days
<i>Hardening times can change considerably according to temperature and thickness of the application. Light rain, high humidity or condensation in the 16 hours after the application can prevent film to form.</i>	

<b>OVERPAINTING</b>
Overpaintable after 6 h and within 36 h. After 36 h a light sanding will be necessary. Drying problems may occur in rooms with a temperature below 7 °C and relative humidity above 85 %; however, the application must be carried out at a temperature of at least 3 °C above dew point, in a non-rainy or foggy atmosphere and on a dry and clean substrate.
<b>SURFACES PREPARATIONS</b>
Dry and clean from all form of types of impurities. Better results can be observed if the surface is sanded (SA 2)
<b>ENVIRONMENTAL CONDITIONS</b>
Surface temperature must be 3 degrees over dew point.
<b>TOOLS CLEANING</b>
Tools can be cleaned, by not polymerized product, with TH4.1000 (DILUENTE NITRO ANTINEBBIA).
<b>STORAGE</b>
In fresh and dry places, avoiding direct contact with sunlight and in a well sealed can, 5BG4.2485 results stable for 12 months. His hardner, in the same conditions, 6 months.

The information given in this sheet and founded on our experience are not intended to be fully exhaustive. Whilst we endeavour to ensure that all advices we give about the product (whether in this sheet or otherwise) are correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. It is supposed that every user liberally opts for the products described on this sheet, after verifying suitability according its requirements. This product is intended for use only by professional applicators in industrial, according the advices described on this sheet, the material safety data sheet and the packaging.