



TECHNICAL DATA SHEET

5BG4.2485

VIVEPOX ZINC BASED Z80 HS

Creation date 28/05/15
Latest update 22/02/21
Rev. 3

GENERAL INFORMATIONS		
Zinc high content 2K primer corrosion inhibitor. Thanks to its particular pigmentation VIVEPOX Z80 guarantees good protection against corrosive (industrial and marine) environments. Suitable as primer for epoxy, polyurethane, acrylic, vinyl, phenolic, silicic, chlorinated-rubber alkyd cycles. We do not recommend to overpaint it with synthetic enamels.		
PHYSICAL AND CHEMICAL CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	2.85 ± 0,1 Kg/L (A) 1 ± 0,1 Kg/L (B) 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 ² /Kg	Theoretical
VOC gr/l (Dir. 2010/75/CE)	400 g/L	
CATALYSIS	12% with HDR5.ZINCA (by weight)	
AVAILABLE DYES	Grey	
BINDER NATURE	High molecular weight epoxy resins, polyamides	

TECHNOLOGICAL AND RESISTANCES CHARACTERISTICS	
RESISTANCES	
ATMOSPHERIC AGENTS	Good
NORMAL INDUSTRIAL ENVIRONMENTS	Good
HIGH HUMIDITY ENVIRONMENTS	Good
ALTERANT WATER IMMERSIONS	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 detected, 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



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During the application the product must be constantly stirred to avoid sedimentation.

HARDENING TIMES

DUST FREE	40 mins
TOUCH FREE	2 hours
DEEP HARDENING	12-24 hours
COMPLETE HARDENING	7-10 days

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.

OVERPAINTING

Between 6 and 36 hours after applications. After 36 hours the products must be lightly sanded.

SURFACES PREPARATIONS

Dry and clean from all form of types of impurities. Better results can be observed if the surface is sanded (SA 2)

ENVIRONMENTAL CONDITIONS

Surface temperature must be 3 degrees over dew point.
If external temperature goes over 25-30°C with recommend to use an appropriate slow thinner in order to obtain a smooth layer of coat.

TOOLS CLEANING

Tools can be cleaned, by not polymerized product, with TH4.1000 (DILUENTE NITRO ANTINEBBIA).

STORAGE

In fresh and dry places, avoiding direct contact with sunlight and in a well sealed can, 5BG4.2485 results stable for 12 months. Its hardener, 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 to its requirements. This product is intended for use only by professional applicators in industrial, according to the advices described on this sheet, the material safety data sheet and the packaging.