



## TECHNICAL DATA SHEET

5IG4.N0001

VIVTAR EPOX

Creation date 30/03/15  
 Latest update 21/01/25  
 Rev. 3

GENERAL INFORMATIONS		
<p>VIVTAR EPOX is a two-component epoxy paint suitable for use in waterproofing and protective thick coatings, for iron and concrete tanks or reservoirs containing substances such as industrial, waste, acid and alkaline water. The chemical and physical properties of the cross-linked paint provide good resistance to aggressive chemicals, film elasticity and durability. The product withstands temperatures between -50 and +90 °C.</p>		
PHISICAL AND CHEMICAL CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1.51 ± 0,1 Kg/L (A) 1.58 ± 0,1 Kg/L (B) 1.54 ± 0,1 Kg/L (A+B)	
VISCOSITY	R4 4700 CP at 20°C	Brookfield Method
SOLID CONTENT	77 ± 1% (by weight) A 90 ± 1% (by weight) B 60 ± 1% (by volume) A 83 ± 1% (by volume) B 83 ± 1% (by weight) A+B 71 ± 1% (by volume) A+B	Theoretical
SPREAD REATING: (100 µm dry)	4,5 m <sup>2</sup> /Kg	Theoretical
BRIGHTNESS	1-5 Gloss	Glossmeter 60°
CATALYSIS	100% with HDR5.SL234 (by weight) 115% with HDR5.SL234 (by volume)	
BINDER NATURE	High molecular weight epoxy resins, polyamides	

TECHNOLOGICAL AND RESISTANCES CHARACTERISTICS	
RESISTANCES	
ATMOSPHERIC AGENTS	Really Good
NORMAL INDUSTRIAL ENVIROMENTS	Excellent
SEA ENVIROMENTS	Good
HIGH UMIDITY ENVIROMENTS	Good
ALTERANTE WATER IMMERTIONS	Excellent
CONTINUOUS WATER IMMERSION	Good
ORGANIC ACIDS	Really Good
INORGANIC ACIDS	Good
ALKALINE	Really Good
ALIFATIC	Really Good
AROMATIC	Good
ALCOHOLS	Good
FATS AND OILS	Really Good



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<b>APPLICATION</b>	
BRUSH, ROLLER	Dil. 5% TH5.1301 (EPOXY THINNER) .
SPRAY	Dil. 5% TH5.1301 (EPOXY THINNER) . Pressure: 3-4 bar Ø nozzle: 2 mm
<b>HARDENING TIMES</b>	
DUST FREE	10 hours
DEEP HARDENING	24 hours
COMPLETE HARDENING	15 days
POT LIFE	12 hours (with high temperatures pot life time can be lower)
<i>Hardening times can change considerably according to temperature and thickness of the application. In order to prevent film defects VIVTAR EPOX must be completely hardened before fill or start operations on tanks, cockpit or any other thing that contain water or industrial waste.</i>	

<b>OVERPAINTING</b>
Between 8 and 48 hours after applications. After 48 hours sandpaper treatment is required
<b>SURFACES PREPARATIONS</b>
The substrate to be painted must preferably be sandblasted (in the case of already painted substrates) and thoroughly degreased. In the case of new metal surfaces, an anticorrosive primer (our VIVEPOX FONDO) is recommended.
<b>ENVIRONMENTAL CONDITIONS</b>
Surface temperature must be 3 degrees over dew point. Light rain, high humidity or condensation in the 16 hours after the application can prevent film to form.
<b>TOOLS CLEANING</b>
Tools can be cleaned, by not polymerized product, easily 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 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.