



TECHNICAL DATA SHEET

5IG4.N0001

VIVTAR EPOX

Creation date 30/03/15

Rev. 2

| GENERAL INFORMATIONS | | |
|---|--|-------------------|
| 2K epoxy paint suitable for water-resistance coverage, concrete or ferrous tanks intended for contain industrial, waste, acid and basics waters. When completely hardened VIVTAR EPOX has good elasticity and chemical resistance properties. | | |
| 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 ² /Kg | Theoretical |
| BRIGHTNESS | 20-30 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 | |
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| <i>RESISTANCES</i> | |
| 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 |
| TEMPERATURE | This paint resists to temperature between - 50° and +90° C when completely hardened. |
| <i>APPLICATION</i> | |
| BRUSH, ROLLER | Dil. 5% TH5.1301 (EPOXY THINNER). |
| SPRAY | Dil. 5% TH5.1301 (EPOXY THINNER). Pressure: 3-4 bar Ø nozzle: 2 mm |



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| HARDENING TIMES | |
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| 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. Light rain, high humidity or condensation in the 16 hours after the application can prevent film to form. 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> | |

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| OVERPAINTING |
| Between 8 and 48 hours after applications. After 48 hours sandpaper treatment is required |
| SURFACES PREPARATIONS |
| Dry and clean from all form of types of impurities. Better results can be observes if the surface is sandblasted. |
| ENVIRONMENTAL CONDITIONS |
| Surface temperature must be 3 degrees over dew point. |
| TOOLS CLEANING |
| Tools can be cleaned, by not polymerized product, easily with TH4.1000 (DILUENTE NITRO ANTINEBBIA). |
| STORAGE |
| 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. 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.