

## TECHNICAL DATA SHEET

0BG4

VIVEPOX FONDO MC

Creation date 06/12/17

Rev. 1

GENERAL INFORMATIONS		
<p>Anti-corrosion primer for ferrous materials, anchor for subsequent painting phases on galvanized sheet metal*, light alloys* and aluminium*. Equipped with rapid drying, it offers good resistance to chemical agents, acids and alkalis, thanks to the peculiarities of the particular epoxy polymer that makes up this paint.</p> <p>It is suitable for the painting of manufactured articles, machine parts, etc. subjected to heavy industrial atmospheres; it is therefore used in the oil, food, naval, industrial bodywork, etc. industry. The applied product produces an opaque film.</p> <p>*after verification of adhesion</p>		
FINISHED PRODUCT CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1.4 ± 0,1 Kg/lt	
VISCOSITY	R3 3850 cP at 20°C	Brookfield method
SOLIDS CONTENT	68 ± 1% (weight) 49 ± 1% (volume)	Theoretical
Yield: (50 m dry)	6,8 m <sup>2</sup> /Kg	Theoretical
OPACITY	0-5 Gloss	Glossmeter 60°
VOC gr/l (Dir. 2010/75/EC)	435.68 g/L	
AVAILABLE COLORS	Grey RAL 7046 and on request, according to RAL tinting system or sample system	
CATALYSIS	This product does not require catalysis	
NATURE OF THE BINDER	Epoxy resin esterified	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS	
RESISTANCES	
ATMOSPHERIC AGENTS	Medium
NORMAL INDUSTRIAL ATMOSPHERE	Good
HEAVY INDUSTRIAL ATMOSPHERE	Excellent
MARINE ATMOSPHERE	Good
HIGH HUMIDITY ENVIRONMENTS	Good
ALTERNATING IMMERSION IN WATER	Excellent
CONTINUOUS IMMERSION IN FRESH WATER	Good
CONTINUOUS IMMERSION IN SEA WATER	Good
ORGANIC ACIDS	Medium
INORGANIC ACIDS AND ALKALIS	Good
ALIFATICALS	Very Good
AROMATICS	Good
ALCOHOLS	Good
ACID SALTS	Excellent
ALCALINI SALTS	Excellent
OILS AND FATS	Very Good



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APPLICATION MODE	
BRUSH, ROLLER	Dil. 10% with DILUENTE SINTETICO or DILUENTE EPOSSIDICO
SPRAY	Dilution 15-25 % DILUENTE NITRO ANTINEBBIA or DILUENTE EPOSSIDICO. Nozzle pressure: 3 bar Nozzle diameter: 1.2 mm
HARDENING TIMES	
DUST FREE	15-20 min
TOUCH FREE	50 min
DEEP HARDENING	12 hours
COMPLETE DRYING	7 days
Hardening 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
VIVEPOX FONDO M.C. can be repainted with itself wet on wet, after 2-3 hours with mono-component paints based on low aggressive solvents, after at least 12 hours with all the other products.
SURFACES PREPARATION
The ferrous metal support must preferably be sandblasted, otherwise, the surfaces must be carefully conditioned before being painted, completely eliminating flakes of lamination and old paints that are detaching or unsuitable for overpainting with this product. In these cases, in addition to possible mechanical cleaning, it is necessary to provide for an accurate degreasing with special organic solvents or hot water cleaner. New galvanized sheets must be aged naturally by exposure to atmospheric agents for about one month (until the surfaces are no longer greasy polished) or artificially with strongly oxidizing chemical agents (e.g. hydrochloric acid dil. 10%). Substrates made of aluminum or other metal alloys must generally be made porous by sanding; however, it is recommended to check from time to time that the product has the desired adhesion.
ENVIRONMENTAL CONDITIONS
The product suffers from the influence of temperature mainly as regards the evaporation of solvents; however, it is recommended to avoid the application on wet surfaces or surfaces susceptible to condensation, for this reason the temperature of the substrate must be above the dew point of at least 3°C.
TOOLS CLEANINGS
The tools can be cleaned from the uncured product with DILUENTE NITRO ANTINEBBIA.



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STORAGE
In cool and dry place, and in well sealed tin, the product is stable for at least 12 months.

<p>The information on this data sheet is indicative and based on our knowledge derived from experience and experimentation and can in no way constitute a guarantee. The buyer/user decides independently the suitability of the product with respect to his own needs in the context of the specific field of use. Please refer to the relevant toxicological data sheet for safety information.</p>
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