



TECHNICAL DATA SHEET

1BG4

ZINCOFOSF

Creation date 23/02/15
Latest update 02/02/21
Rev. 2

GENERAL CHARACTERISTICS		
Fast dryer anticorrosive primer, overpaintable even with nitro products. Recommended for industrial and agriculture coatings. This primer have excellent overpaintable proprieties, it shows good compatibility with every type of enamels.		
PHISCAL AND CHEMICAL CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1,5 ± 0,1 Kg/lt	
VISCOSITY	R4 3700 Cp T.20°C	
SOLID CONTENT	72 ± 1% (by weight)	Theoretical
SPREAD REATING: (50 µm dry)	6,5 m ² /Kg 10 m ² /L	Theoretical
VOC gr/l (Dir. 2010/75/CE)	237.9 gr/l	Theoretical
AVAIABLE DYES	White, yellow oxide, RAL7001 grey, red, oxide, RAL6011 green, black. Available in other personalized dyes, RAL, NCS and Pantone referrals on request.	
CATALYSIS	/////	
BINDER NATURE	Alkydic resin with phenolic modify	

TECHNOLOGICAL AND RESISTANCE PROPERTIES	
OILS AND GREASES (OCCASIONAL CONTACT)	Good
SALT MIST TEST (ASTM B 117)	[dry thickness: 45-55 µm] [10 days flash off] After 500 hours in salt mist, no phenomenon of blister can be seen, rust remain within 2 mm from the cross.
TEMPERATURE	200°C (3 hours peak)

APPLICATION	
ROLLER, BRUSH	10% with our SYNTHETIC THINNER (TH7.041).
SPRAY	15-20 % with our NITRO ANTINEBBIA THINNER (TH4.1000).
DRYING	
DUST FREE	1 min
TOUCH FREE	30 min
DEEP DRY	8 hours
COMPLETE DRY	12 hours
Drying time can change according to thickness and temperature of the application.	



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OVERPAINTING
1BG4 can be overpaint with itself or 1k enamels (that not contain aggressive solvents) after 2-3 hours from the application. For other type of enamels ZINCOFOSF can be overpaint after 12 hours. Coat with 2k topcoats if the thickness of the primer is over 90-100 µm, is not recommended
SURFACES PREPARATION
The surfaces must be dry and free from dust and any impurities of previous coats. The surfaces can be, preferably, sanded before the application.
ENVIRONMENTAL CONDITION
Temperature must be 3 degrees over the dew point.
TOOLS CLEANING
Tools can be clean by Using our NITRO ANTINEBBIA THINNER (TH4.1000).
STORAGE
ZINCOFOSF is stable at least 12 months in fresh and dry environment, not exposed directly to sunlight and in a well-seal container.

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.