



## TECHNICAL DATA SHEET

1BG4K

ZINCOFOSF RUSTLINKER

Creation date  
Latest update  
Rev. 1

13/01/20  
12/02/21

GENERAL INFORMATIONS		
Zinc phosphate anticorrosive primer for very fast drying oxidized ferrous metals, resistant to overpainting with nitro products. Thanks to its particular formulation it is used in industrial bodywork, in painting of earthmoving machines and for the treatment of any oxidized ferrous substrate that requires high protection and good grip for the subsequent finishing phase.		
CHEMICAL AND PHYSICAL CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1.5 ± 0,1 Kg/lt	
VISCOSITY	R4 3700 CP at 20°C	Brookfield's model
SOLID CONTENT	62 ± 1% (in weight)	Theoretical
SPREAD REATING: (50 µm DRY)	6,5 m <sup>2</sup> /Kg 10 m <sup>2</sup> /L	Theoretical
OPACITY	0-5 Gloss	Glossmeter 60°
VOC gr/l (Dir. 2010/75/CE)	237.9 g/L	
AVAILABLE DYES	White, oxide yellow, oxide grey, oxide red, green Ral 6011, black. Available in other colors according to Ral references and by sample	
CATALYSIS	The product does not require catalysis	
BINDER NATURE	Alkyd resin with phenolic modification	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS	
RESISTANCES	
OILS AND FATS (occasional contact)	Good
SALT FOG TEST (ASTM B 117)	Dry thickness 45-55 µm]. aging 10 days at 25°C After 500 hours, blistering is absent. Rust does not move 0.5 mm away from the engravings
TEMPERATURE	200°C (duration: 3 hours)
APPLICATION MODE	
BRUSH, ROLLER	Dil. 5-10% with SYNTHETIC DILUENT
SPRAY	Dilution 15-20% with our NITRO ANTINEBBIA THINNER Nozzle pressure: 3 bar Nozzle diameter: 1.2 mm
DRYING	
DUST FREE	10-15 min
TOUCH FREE	50 min
DEEP DRY	12 hours
COMPLETE DRY	7 days
Covering and drying times can also vary considerably depending on the applied substrate thickness.	



## TECHNICAL DATA SHEET

1BG4K

ZINCOFOSF RUSTLINKER

Creation date  
Latest update  
Rev. 1

13/01/20  
12/02/21

It should be borne in mind that, since the paint dries by oxidation, deep drying may be compromised by applying too thick layers.

### OVERPAINTING

ZINCOFOSF RUSTLINKER can be overpainted 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 other products.  
It is not recommended to repaint with two-component products if the thickness of the substrate is greater than 90-100 microns.

### SURFACES PREPARATION

The oxidized substrate to be painted must be previously brushed and degreased before being painted by removing the oxide that is not anchored and/or old paints that are detaching or unsuitable for overpainting with this product.

### 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

Tools can be cleaned from the uncured product with DILUENTE NITRO ANTINEBBIA.

### STORAGE

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

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.