



TECHNICAL DATA SHEET

UBG4

ZINCOFOSF HS

Creation date 02/05/19
Rev. 1

GENERAL INFORMATIONS		
<p>HS anticorrosion primer with zinc phosphates for ferrous metals, very fast drying, resistant to overpainting with nitro products. It is used in industrial bodywork, in painting earthmoving machinery and for the treatment of any ferrous substrate that requires high passivation and good grip for the subsequent finishing phase.</p>		
CHEMICAL AND PHYSICAL CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1.5 ± 0,1 Kg/lt	
VISCOSITY	R4 1500 CP at 20°C	Brookfield's model
SOLID CONTENT	68 ± 1% (in weight)	Theoretical calculation
YIELD: (50 µm secchi)	6,5 m ² /Kg	Theoretical calculation
OPACITY	0-5 Gloss	Glossmeter 60°
VOC gr/l (Dir. 2010/75/CE)	See safety data sheet	
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	
<i>RESISTANCES</i>	
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) overpainted with 1AG1T
<i>APPLICATION MODE</i>	
BRUSH ROLLER	Dil. 5% with SYNTETIC DILUENT
SPRAY	Dilution 5-10% with our DILUENTE NITRO ANTINEBBIA (TH4.1000).



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	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
The times for coating and drying can also vary considerably depending on the substrate thickness applied. 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 HS can be repainted with itself wet-on-wet, after 2-3 hours with single-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 substrate to be painted must preferably be sandblasted, otherwise, the surfaces must be sanded carefully before being painted, completely removing 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.
ENVIRONMENTAL CONDITION
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 the DILUENTE NITRO ANTINEBBIA.
STORAGE
In cool and dry place, and in well sealed tin, the product is stable at least 12 months.

Vivcolor s.r.l.



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Information on this data sheet are indicative and based on our knowledge derived from experience and experimentation. In no way they can 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.