

TECHNICAL DATA SHEET

7NG4.ZINCA

INORGANIC ZINC A

Creation date 19/02/16

Rev. 1

GENERAL INFORMATIONS		
2K primer with high content of zinc. It gives excellent antirust, physical and chemical properties. It is used as primer for epoxy, polyurethane, acrylic, phenolic and silicic cycles. Overpaint it with synthetic topcoats is not recommended. 7NG4.ZINCA is used in chemical and naval factories and in refineries (tanks for combustible substances and organic solvents).		
PHYSICAL AND CHEMICAL CHARACTERISTICS		
		NOTE
SPECIFIC WEIGHT	1 ± 0,1 Kg/L (A) 2.34 ± 0,1 Kg/L (A+B)	
VISCOSITY	"28-32" 20°C Ford 4	A+B
SOLID CONTENT	78 ± 1% (by weight)	Theoretical
SPREAD RATE: (75 µm dry)	3 m ² /Kg	Theoretical
VOC gr/l (Dir. 2010/75/CE)	510.42 g/L	
AVAILABLE DYES	Grey	
CATALYSIS	2 parts of zinc (25 Kg) - 1 part of polyethylsilicate (12,5 Kg) <i>Its drying can be accelerated or slowed down by adding 5% of our solvents</i>	
% ZINC (on dry coat)	88%	
BINDER NATURE	Zinc Ethylsilicate	

TECHNOLOGICAL AND RESISTANCE CHARACTERISTICS	
RESISTANCES	
Film can resist up to 400°C, not over. It has a really good antirust properties: in the salt mist machine it gives excellent results. Good resistance to the attack of organic solvents, except really acid and really basic ones.	
APPLICATION	
Conventional spray, airless spray. Brush or roller recommended for small adjustments. Necessary for spray applications is a low pressure tank or keep the product stirred. Suggested thickness: 45-75 µm	
HARDENING TIMES	
DUST FREE	10-15 mins
TOUCH FREE	1 hour
POT LIFE	8 hours
<i>Hardening times can change considerably according to temperature and thickness of the application.</i>	

OVERPAINTING
<i>Before overpaint it check the real drying by rubbing on the applied film of coat a piece of cotton wet with MEK.</i>

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TEMPERATURES	OVERPAINTING TIME
-18°C	7 days
4°C	48 hours
16°C	24 hours
27°C	18 hours
38°C	16 huors
SURFACES PREPARATIONS	
Dry and clean from all form of types of impurities. Better results are obtained if surfaces are sanded.	
<i>USE BY IMMERSION</i>	<i>OTHER USES</i>
norm. SSPC-SP5-82-NACE#1	norm. SSPC-SP6-82-NACE#3
ENVIRONMENTAL CONDITIONS	
Surface temperature must be 3 degrees over dew point.	
TOOLS CLEANING	
Tools can be easily cleaned by not polymerized product with TH4.1000 (DILUENTE NITRO ANTINEBBIA).	
STORAGE	
In fresh and dry places, avoiding direct contact with sunlight, 7NG4.ZINCA results stable for 4 months. ATTENTION: ZINCANTE INORGANICO comp. B is sensitive to humidity.	

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.