



TECHNICAL DATA SHEET

6AG1

CONV. FORNO 120°C

Creation date 27/06/2017

Updated to 11/03/2019

Rev. 4

GENERAL CHARACTERISTICS		
One-component finishing enamel with excellent resistance to atmospheric agents, when completely crosslinked it maintains high elasticity and hardness with excellent gloss and colour retention.		
CHARACTERISTICS OF THE SUPPLY PRODUCT		
		NOTES
SPECIFIC WEIGHT	1.05 ± 0,1 Kg/L (A)	
VISCOSITY	R3 200 cP at 20°C	
SOLIDS CONTENT	50 ± 1% (weight)	Theoretical
YIELD: (50 µm dry)	6 m ² /Kg	Theoretical
OPACITIES	85-90 Gloss	Glossmeter 60°
VOC gr/l (Dir. 2010/75/EC)	442.7 g/L	
AVAILABLE COLOURS	All dyes available	
CATALYSIS RATIO	This product does not require catalysis	
NATURE OF THE PRODUCT	Glycerophthalic and melamine resins	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS
<i>RESISTANCES</i>
The correctly polymerised film has good resistance to occasional contact with organic solvents (ethyl alcohol, aliphatic hydrocarbons), commonly used detergents, greases and oils for domestic or industrial use. The cured film, when exposed to high temperatures - up to 120°C - does not undergo significant changes in appearance as far as colour point and gloss level are concerned.

<i>APPLICATION MODE</i>	
BRUSH, ROLLER	Recommended only for retouching operations or on surfaces of limited size. Dil. 5-10% with SYNTHETIC DILUENT FOR OVEN ENAMELS
SPRAY	Dilution 5-10% SYNTHETIC DILUENT Nozzle pressure: 3-4 bar Nozzle diameter: 1.5 mm
<i>OVERPAINTING</i>	
The product can be overpainted with itself or with oven-baked clearcoat after hardening at 120°C for about 10 minutes.	
<i>HARDENING</i>	
Hardened at 120°C: 30-40' [depending on the scale of the surfaces to be painted]. It is advisable, during the control phase of the processing system, to do some tests of resistance by rubbing (50 times) on the dry film of the coat a piece of cotton impregnated with denatured ethyl alcohol in order to verify the surface fastness.	

Vivcolor s.r.l.



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SURFACES PREPARATION
The product can be applied directly on degreased or pickled Fe. The surfaces to be treated must in any case be dry, clean and free of greasiness.
TOOLS CLEANING
The tools can be cleaned from the uncured product with DILUENTE NITRO ANTINEBBIA.
STORAGE
In a cool and dry place, away from direct sunlight and in a well sealed tin, at least 6 months. At a constant temperature of 50°C or at temperatures with peaks of 60°C the product tends to destabilize.
The information given in this technical data sheet is indicative and based on our knowledge derived from experience and experimentation and can in no way constitute a guarantee. The purchaser/user decides independently on the suitability of the product for his own requirements in the context of the specific field of use. For safety information please refer to the relevant toxicological data sheet.