



TECHNICAL DATA SHEET

3AG3

VIVPUR G35

Creation date 23/05/2015
Rev.1

GENERAL CHARACTERISTICS		
<p>Two-component semi-opaque polyurethane finishing enamel (G 35) with excellent weathering resistance, maximum resistance to aggressive chemicals, very low flammability, high elasticity, excellent gloss and colour retention, good coverage.</p> <p>The enamel is particularly suitable for epoxy (primer) - polyurethane (finish) composite cycles, to obtain maximum adhesion performance to the substrate and resistance to aggressive agents in all types of applications: from painting industrial machines to finishing elements with particular aesthetic and/or resistance features.</p>		
CHARACTERISTICS OF THE SUPPLY PRODUCT		
		NOTES
SPECIFIC WEIGHT	1.3 ± 0,1 Kg/lt	
VISCOSITY	R4 4000 cP at 20°C	
SOLIDS CONTENT	60 ± 1% (weight)	Theoretical
YIELD: (50 µm dry)	theoretical:9 m ² /Kg	Theoretical
OPACITIES	35 Gloss	Glossmeter 60°
VOC gr/l (Dir. 2010/75/EC)	491,38 g/L	
AVAILABLE COLOURS	All dyes available	
CATALYSIS RATIO	50% p/p with HDR3.G35	
NATURE OF THE PRODUCT	Modified polyester	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS	
RESISTANCES	
ATMOSPHERIC AGENTS	Very Good
NORMAL INDUSTRIAL ATMOSPHERE	Good
HEAVY INDUSTRIAL ATMOSPHERE	Very Good
MARINE ATMOSPHERE	Good
HIGH HUMIDITY ENVIRONMENTS	Excellent
ALTERNATING IMMERSION IN WATER	Good
CONTINUOUS IMMERSION IN WATER	Good
ORGANIC ACIDS	Medium
INORGANIC ACIDS AND ALKALIS	Good
ALIFATICALS	Very Good
AROMATICS	Good
ALCOHOLS	Good
ACID SALTS	Very Good
ALCALINI SALTS	Good
OILS AND FATS	Very Good



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APPLICATION MODES	
BRUSH, ROLLER	Recommended only for retouching operations or on surfaces of limited size. Dil. 5-10% with SLOW POLYURETHANIC DILUENT
SPRAY	Dilution 10% POLYURETHANIC DILUENT Nozzle pressure: 3-4 bar Nozzle diameter: 1.5 mm
<i>The application must not exceed 40 µm dry per coat.</i>	
HARDENING	
DUST FREE	40 min
TOUCH FREE	2-4 hours
DEEP HARDENING	8-10 hours
COMPLETE DRYING	7 days
<i>Drying can also be carried out in an oven at 80°C max (40'), after a 20-minute drying time.</i>	
Curing times may vary considerably depending on the thickness applied. A high thickness can compromise deep drying. Temperature can also have a significant influence on the temperature, especially on the evaporation of solvents.	
SURFACES PREPARATION	
VIVPUR must be applied on a suitable nitro-resistant anticorrosive primer. The best adhesion results of the painting cycle are obtained by using our VIVEPOX FONDO or our ACRIVIVIV FONDO. The surfaces to be treated must in any case be dry, clean and free of greasiness. Possible retouches of the cured finish (after 8-12 hours) can be made only after sanding.	
ENVIRONMENTAL CONDITIONS	
The temperature of the substrate and exterior must be at least 3 degrees above dew point.	
TOOLS CLEANING	
The tools can be cleaned from the uncured product with DILUENTE NITRO ANTINEBBIA.	
STORAGE	
In a cool and dry place, and in a well sealed tin, the product is stable for at least 12 months.	

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.