Vivcolor s.r.l.

TECHNICALDATA SHEET 3AG4
VIVPUR G10 OPACO





Creation date 17/05/18 Rev 0

GENERAL CHARACTERISTICS

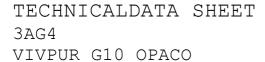
Matt polyurethane two-component finishing enamel (G 10) with excellent weathering resistance, maximum resistance to aggressive chemicals, very low flammability, high elasticity, excellent gloss and colour retention, good coverage.

The enamel is particularly suitable for epoxy (primer) - polyurethane (finish) composite cycles, to obtain maximum adhesion 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.

CHARACTERISTICS OF THE SUPPLY PRODUCT		
		NOTES
SPECIFIC WEIGHT	$1.3 \pm 0,1 \text{ Kg/lt}$	
VISCOSITY	R4 4000 cP at 20°C	
SOLIDS CONTENT	62 ± 1% (weight)	Theoretical
YIELD: (50 μm dry)	theoretical:9m ² /Kg	Data not avaiable
OPACITIES	10 Gloss	Glossmetro 60°
VOC gr/l (Dir. 2010/75/EC)	491,38 g/L	
AVAILABLE COLOURS	All dyes avaiable	
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	
APPLICATION MODE		
BRUSH ROLLER	Recommended only for retouching operations	
	or on surfaces of limited size.	
	Dil. 5-10% with SLOW POLYURETHANIC DILUENT	
SPRAY	Dilution 10-15% POLYURETHANIC DILUENT	

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	Nozzle pressure: 3-4 bar Nozzle diameter: 1.5 mm	
The application must not ex		
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HARDENING		
DUST FREE	40 min	
TOUCH FREE	2-4 hours	
DEEP HARDENING	8-10 hours	
COMPLETE DRYING	7 days	
DEEP HARDENING	8-10 hours	

Drying can also be carried out in an oven at 80°C max (40'), after a 20-minute drying time.

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 CONTROL

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.