



TECHNICAL DATA SHEET
 OBG4.UNIV
 UNIVIV

Creation date 05/09/22
 Latest update 27/02/23
 Rev. 1

GENERAL INFORMATIONS		
Universal primer for ferrous materials, galvanised metal, light alloys and wood. It has great resistance to chemicals, both acid and basic. Its very fast drying also means that overpainting times are reduced to a minimum		
FINISHED PRODUCT CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1.35 ± 0,1 Kg/lt	
VISCOSIT	R3 3000 cP at 20°C	Brookfield method
SOLIDS CONTENT	70 ± 1% (weight) 50 ± 1% (volume)	Theoretical
Yield: (50 m dry)	7 m ² /Kg	Theoretical
OPACITY	0-5 Gloss	Glossmeter 60°
VOC gr/l (Dir. 2010/75/EC)	435.68 g/L	
AVAILABLE COLORS	Ral 7046	
CATALYSIS	This product does not requirecatalysis	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS	
<i>RESISTANCES</i>	
ATMOSPHERIC AGENTS	Medium
MARINE ATMOSPHERE	Good
HIGH HUMIDITY ENVIRONMENTS	Good
ALTERNATING IMMERSION IN WATER	Excellent
CONTINUOUS IMMERSION IN FRESH WATER	Good
CONTINUOUS IMMERSION IN SEA WATER	Good
ORGANIC ACIDS	Medium
INORGANIC ACIDS AND ALKALIS	Good
OILS AND FATS	Very Good
<i>APPLICATION MODE</i>	
BRUSH, ROLLER	Dil. 10% with SYNTHETIC THINNER
SPRAY	Dilution 15-25 % NITRO THINNER or SYNTHETIC THINNER. Nozzle pressure: 3 bar Nozzle diameter: 1.2 mm
<i>HARDENING TIMES</i>	
DUST FREE	15-20 min
TOUCH FREE	50 min
DEEP HARDENING	12 hours
COMPLETE DRYING	7 days
Hardening 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 exsiccation, especially on the	

Vivcolor s.r.l.



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evaporation of solvents. The temperature of the substrate must be at least 3 degrees above the dew point.

OVERPAINTING

UNIVIV can be overpainted with itself wet on wet, after 2-3 hours with mono-component paints based on low aggressive solvents, after at least 12 hours with all the other products.

SURFACES PREPARATION

The ferrous metal support must preferably be sandblasted, otherwise, the surfaces must be carefully conditioned before being painted, completely eliminating flakes of lamination and old paints that are detaching or unsuitable for overpainting with this product. In these cases, in addition to possible sanding, it is necessary to provide for an accurate degreasing with special organic solvents or hot water cleaner.

New galvanized sheets must be aged naturally by exposure to atmospheric agents for about one month (until the surfaces are no longer greasy polished) or artificially with strongly oxidizing chemical agents (e.g. hydrochloric acid dil. 10%).

Substrates made of aluminium or other metal alloys must generally be made porous by sanding; however, it is recommended to check from time to time that the product has the desired adhesion.

ENVIRONMENTAL CONDITIONS

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 NITRO THINNER.

STORAGE

In cool and dry place, and in well sealed tin, the product is stable for at least 12 months.

The information on this data sheet is indicative and based on our knowledge derived from experience and experimentation and can in no way 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.