

TECHNICAL DATA SHEET

PBG4WB0001

POLIVIV FONDO 2K WB BIANCO

(POLIVIV PRIMER 2K WB WHITE)

Creation date 20/11/19

Edited 27/04/2020

Rev. 1

GENERAL INFORMATIONS		
Waterborne 2K polyester primer. It has excellent anticorrosive and coverage properties. It has really good adhesion on ferrous and galvanized surfaces. It is overpaintable with solventborne and waterborne topcoats.		
PHISICAL AND CHEMICAL CHARACTERISTICS		
		NOTE
SPECIFIC WEIGHT	1,59 ± 0,1 Kg/L (A) 1,00 ± 0,1 Kg/L (B)	
VISCOSITY	R3 2200 CP a 20°C	Brookfield Method
SOLID CONTENT	61 ± 2% (by weight) A 80 ± 2% (by weight) B 62 ± 2% (by weight) A+B	Theoretical
SPREAD REATING: (50µm dry)	7 m²/Kg	Theoretical
AVAILABLE DYES	White and grey shades derived from white	
CATALYSIS	By weight: 100 (PBG4WB0001) + 10 (HDR3W001)	
Before mix together part A and part B it is recommended to blend topcoat and hardener separately		
BINDER NATURE	Polyurethane hydroxylated dispersion	

TECHNOLOGICAL AND RESISTANCES CHARACTERISTICS	
RESISTANCES	
ATMOSPHERIC AGENTS	Really Good
NORMAL INDUSTRIAL ENVIROMENTS	Good
HEAVY INDUSTRIAL ENVIRONMENTS	Good
MARINE ENVIRONMENTS	Good
HIGH HUMIDITY ENVIRONMENTS	Really Good
SALT MIST TEST	POLIVIV WB, applied on SANDBLASTED IRON, resists 120 hours in salt mist test. POLIVIV implements its durability up to 300 if overpainted with VIVPUR 2K WB.
APPLICATION	
ROLLER, BRUSH	Dil. 5% with DEMINERALIZED WATER
SPRAY	Dil. 5-10% TH4.1000 DEMINERALIZED WATER pressure: 3 atm Ø nozzle: 1.8 mm
HARDENING TIMES	
DUST FREE	40 mins
TOUCH FREE	3-4 hours
DEEP HARDENING	24 hours
POT LIFE	1 hours
<i>Hardening times can change considerably according to temperature and thickness of the application. We suggest to apply the primer at temperatures over 10-15 °C and max. 75% relative humidity.</i>	



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High temperature (40-50° C) decrease pot-life time. It is important to not go over pot-life time because adhesion and resistance are not guarantee anymore.

OVERPAINTING

POLIVIV WB is overpaintable from 10 to 36 following hours with solventborne and waterborne topcoats.

SURFACES PREPARATIONS

Waterborne products, because of their low organic solvents content, are characterized by low wetting of the substrate compared with solventborne coatings. Because of it, surfaces must be free from grease, oils, rust, calamine and impurities. Cleaning of the surfaces is a decisive aspect for a good result.

- FERROUS SURFACES: SA2 sandblasting degree, if it is not possible a perfect sanding is required in order to eliminate ever trace of rust and calamine then surfaces must be cleaned with specific waterborne or solventborne degreasing agent.
- GLVANIZED SURFACES: this type of surfaces have to be sanded and then cleaned with a waterborne or solventborne degreasing agent
- CONCRETE: it has to be dry, clean and free from trace of oils, grease and crumby parts. It has also to be seasoned for 30 days (20°C) at least and a humidity content under 5% (deep 4 cm). Salt efflorescence must be eliminated by sand or with a suitable product.

ENVIRONMENTAL CONDITIONS

Surface temperature must be 3 degrees over dew point.

TOOLS CLEANING

Tools can be easily clean by not polymerized product with WATER.

STORAGE

Keep in fresh and dry place, where temperature is between 5° and 35° C. In well-sealed can POLIVIV WB and it hardener result stable for 12 months.

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.