

TECHNICAL DATA SHEET

9BG4W

IDROFAST PRIMER

Creation date 19/11/19
 Latest update 24/02/22
 Rev. 1

GENERAL INFORMATIONS		
Anticorrosive water-dilutable acrylic base coat suitable as a primer for ferrous substrates, aluminium and galvanised sheet metal. The product can be used as a top coat in all one-coat cycles and can also be overpainted with solvent-based products		
PHISICAL AND CHEMICAL CHARACTERISTICS		
		NOTES
SPECIFIC WEIGHT	1.4 ± 0,1 Kg/L	Change according to dye
VISCOSITY	R3 650 cP - 20°C	Brookfield Method
SOLID CONTENT	60 ± 1% (by weight)	Theoretical
SPREAD REATING: (50µm dry)	8 m ² /Kg	Theoretical
BRIGHTNESS	1-5 gloss	Glossmeter 60°
AVAILABLE DYES	White and grey shades derived from white	
CATALYSIS	IDROFAST do not require catalysis	
BINDER NATURE	Modified acrylic resin	

TECHNOLOGICAL AND RESISTANCES CHARACTERISTICS	
<i>RESISTANCES</i>	
ATMOSPHERIC AGENTS	Good
NORMAL INDUSTRIAL ENVIROMENT	Good
SALT MIST TEST	IDROFAST PRIMER resistance in salt mist machine is about 150 hours, applied on sandblasted iron. Overpaint the primer with our VIVPUR 2K WB (3AG1W - 2K polyurethane enamel) will increase the resistance up to 300 hours
<i>APPLICATION</i>	
ROLLER, BRUSH	Dil. 5% with DEMINERALIZED WATER
SPRAY	Dil. 5-10% with DEMINERALIZED WATER Pressure: 2.5-3 atm Ø nozzle: 1.2 mm
<i>HARDENING TIMES</i>	
DUST FREE	30 mins
DEEP HARDENING	1 hour
COMPLETE HARDENING	24 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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OVERPAINTING
After 10-15 minutes with itself. After 30 minutes with others waterborne topcoats. After 24 hours, IDROFAST is ready to be overpainted with solvent-born enamels.
SURFACES PREPARATIONS
Dry and clean from all form of types of impurities.
ENVIROMENTAL CONDITIONS
Surface temperature must be 3 degrees over dew point.
TOOL CLEANING
Tools can be easily cleaned with WATER (if IDROFAST is not completely dry)
STORAGE
In fresh and dry places, at temperature between 5° and 35° C.
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.