



## TECHNICAL DATA SHEET

LAG1W

THERMOFINISH WB

Creation date 25/02/2020  
Rev. 0

GENERAL CHARACTERISTICS		
Water-base oven hardening enamel gifted with high surface hardness, scratch resistance, adhesion on almost every surface and good water resistance properties. It has excellent adhesion on ferrous, galvanic, aluminium and glass surfaces. To achieve max anticorrosion properties LAG1W has to be applied on suitable primer.		
FINAL CHARACTERISTICS		
		NOTES
DENSITY	1.12 ± 0,1 Kg/L	
VISCOSITY	R3 300 cP a 20°C	Brookfield method
SOLID CONTENT	35 ± 1% (by weight) 25 ± 1% (by volume)	Theoretical
SPREAD RATE: (30 dry µm)	8,3 m <sup>2</sup> /Kg	
BRIGHTNESS	90-95 Gloss	Glossmeter 60°
AVAILABLE DYES	RAL, PANTONE, NCS charts and on request dyes	
CATALYSIS RATIO	This product do not has to be catalysed	
BINDER NATURE	Acrylic-melamine resin	

RESISTANCE AND TECHNOLOGICAL CHARACTERISTICS	
RESISTANCES	
ENVIRONMENTAS AGENTS	Really good
NORMAL INDUSTRIAL ENVIRONMENT	Good
HEAVY INDUSTRIAL ENVIRONMENT	Good
MARINE ENVIRONMENT	Good
HIGH HUMIDITY ENVIRONMENTS	Really good
TEMPERATURE	MAX: 180°C (1 hour)

APPLICATION MODALITY	
ROLL, BRUSH	Not recommended
SPRAY	Dil. 0%- 5% DEMINERALIZED WATER Nozzle pressure: 3-4 bar Nozzle diameter: 1.4 mm
<i>We recommend to not apply over 40 dry microns for coat of paint.</i>	
HARDENING	
Bake at 120°C-140°C: 20-30' [bake time and temperature can change according to size of the applied piece]. A flash off of 10-15 minutes before put the piece in oven it is an important step in order to obtain a good hardening of the paint.	

SURFACES PREPARATIONS
THERMOFINISH WB can be applied directly on ferrous, galvanized steel, aluminium, light alloys or glass surfaces. In order to enhance anticorrosive properties of LAG1W, apply it on suitable primer. Anyway surfaces must dry and free from impurities.



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<b>ENVIRONMENTAL CONDITIONS</b>
Surfaces temperature must be 3 degrees above dew point
<b>TOOLS CLEANING</b>
Tools easily cleaned with water
<b>STORAGE</b>
In well closed cans and not in direct contact with sunlight LAG1W is stable for 6 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.