



## TECHNICAL DATA SHEET

1MG1

RAPILUX

Creation date 02/04/16  
 Latest update 25/09/24  
 Rev. 2

**GENERAL INFORMATIONS**  
 Fast-drying enamel with excellent drip resistance, colour and gloss retention over time. Ideal for painting earth-moving machinery, industrial equipment and general construction applications where high aesthetics and resistance to common operating conditions are required.

FINISHED PRODUCT CHARACTERISTICS		NOTES
SPECIFIC WEIGHT	1.2 ± 0,1 Kg/L	
VISCOSITY	R3 1500 cP at 20°C	Brookfield method
SOLID CONTENT	63 ± 1% (weight)	Theoretical
YEILD (50 dry µm)	7-8 m <sup>2</sup> /Kg	Theoretical
BRIGHTNESS	95 Gloss	Glossmetro 60°
AVAIALE DYES	RAL, Pantone, NCS and on request dyes	
CATALYSIS	Not requested	
BINDER NATURE	Modified alkydic resins	

TECHNOLOGICAL AND RESISTANCE PROPRIETIES	
RESISTANCE	
ATMOSPHERIC AGENTS	Really good
NORMAL INDUSTRIAL ENVIRONMENT	Really good
HEAVY INDUSTRIAL ENVIRONMENT	Really good
SEA ENVIRONMENT	Good
HIGH UMIDITY ENVIRONMENT	Good
TEST NEBBIA SALINA (ASTM B 117)	1000 hours, applied on VIVEPOX PRIMER

APPLICATION MODE	
BRUSH, ROLLER	Dil. 5-10% con (TH7.041) SYNTHETIC THINNER
SPRAY	Dil. 10% (TH4.1000) NITRO THINNER. Pressure: 3 bar Ø nozzle: 1.7 mm
HARDENING	
DUST FREE	20-30 min
TOUCH FREE	1 hour
DEEP HARDENING	24 hours
COMPLETE HARDENING	7 days
<i>Hardening times can considerably change according to thickness and temperature of application.</i>	



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<b>OVERPAINTING</b>
Wet-on-wet with itself or, after hardening, before 48 hours with itself of long oil syntetic enamels.
<b>SURFACES PREPARATION</b>
The substrate to be painted must preferably be sandblasted, otherwise, the surfaces, before being painted, must be carefully conditioned by completely removing flakes of lamination and old paint that is flaking off or unsuitable for overpainting with this product. In these cases, in addition to any mechanical cleaning, a thorough degreasing must be carried out using suitable organic solvents or a hot pressure washer.
<b>ENVIRONMENTAL CONDITIONS</b>
Temperature must be 3°C above dew point. Light rain and condensation can compromise the film formation. If temperature goes over 25-30°C we recommend to use a specific slow thinner to improve distension proprieties of the topcoat.
<b>TOOLS CLEANING</b>
Tools can be cleaned from not polymerized topcoat with our TH4.1000 (NITRO THINNER).
<b>STORAGE</b>
In fresh and dry places, not in direct contact with the sunlight, product is stable for 12 months.

The information on this data sheet is indicative and based on our knowledge derived from experience and testing and can in no way constitute a guarantee. The purchaser/user decides for himself the suitability of the product for his own requirements in the context of the specific field of application. Please refer to the relevant toxicological data sheet for safety information.