

TECHNICAL DATA SHEET

1DG4.

IRONMETAL

Creation date 23/09/22
 Last update 29/03/23
 Rev. 1

GENERAL INFORMATIONS		
Fast-drying single-component micaceous enamel that can be applied by spray. Suitable for painting railings, garden material and generally any ferrous substrate. The product is ideal where special corrosion protection is required.		
PHYSICAL AND CHEMICAL PRODUCTS		
		NOTE
SPECIFIC WEIGHT	1.4 ± 0,1 Kg/L	
VISCOSITY	R4 1400 cP 20°C	Brookfield method
SOLID CONTENT	70 ± 1% (weight)	Theoretical
SPREAD RATE (50 µm DRY)	6.5 m ² /Kg (by weight) 9 m ² /L (by volume)	Theoretical
AVAILABLE DYES	IRONVIV / VIVMIX micaceous system palette	
BINDER NATURE	Alkyd resins with phenolic mod	

TECHNOLOGICAL CHARACTERISTICS	
RESISTANCES	
ENVIRONMENTAL AGENTS	Really good
NORMAL INDUSTRIAL ENVIRONMENTS	Really good
STRONG INDUSTRIAL ENVIRONMENTS	Really good
APPLICATION MODE	
SPRAY	Dil. 15-20% NITRO THINNER (TH4.1000) pressure: 3 bar nozzle diameter: 1.2 mm
EXSICCATION	
DUST FREE	15-20 minutes
TOUCH FREE	50 mintes
DEEP HARDENING	12 hours
COMPLETE EXSICCATION	7 days
<i>Exsiccation times can change considerably according to temperature and thickness of the application.</i>	

OVERPAINTING	
IRONVIV is overpaintable wet on wet or after 2-3 hours with one component topcoat that contain not aggressive solvents mixes.	
SURFACES PREPARATIONS	
Surfaces must be completely free from impurities, oils, greases and residues of previous coatings.	
ENVIRONMENTAL CONDITIONS	
The temperature of the surface must be above 3 degrees from dew forming temperature	



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TOOLS CLEANING
NITRO THINNER is suitable for cleaning dirty tools by not polymerized product.
STORAGE
This product conserves its properties in fresh and dry environments. In a well closed can 1DI4 lasts 12 months at least.

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. It is supposed that every user liberally opts for the products described on this sheet, after verifying suitability according to its requirements. This product is intended for use only by professional applicators in industrial, according to the advices described on this sheet, the material safety data sheet and the packaging.