



TECHNICAL DATA SHEET

0BG4W

IDROPOX FONDO M.C. WB

Creation date 02/04/15 Rev. 0

GENERAL CHARACTERISTICS		
<p>Very fast drying water-dilutable primer with excellent covering power and good anticorrosive power.</p> <p>IDROPOX FONDO R.E. acquires in a short time high drop resistance, a characteristic that makes it suitable also in applications that are intended to be exposed, "immediately after" the painting phase, to atmospheric agents, without particular precautions.</p> <p>Its formulation allows to considerably reduce the percentage of VOCs emitted during the application phases.</p> <p>Suitable for application on accurately degreased steel, it is recommended to overpaint with our IDROPOX SMALTO R.E.</p>		
CHARACTERISTICS OF THE SUPPLY PRODUCT		
		NOTES
SPECIFIC WEIGHT	1.3 ± 0,1 Kg/lt	
VISCOSITY	R4 1300cP at T. 20°C	
SOLIDS CONTENT	60 ± 1% (weight)	Theoretical
YIELD: (50 µm dry)	Theoretical: 7,5 m ² /Kg	Theoretical
VOC gr/l (Dir. 2010/75/EC)	151,62 gr/l	
AVAILABLE COLORS	Base white, Ral 1014	
CATALYSIS RATIO	The product does not require catalysis.	
NATURE OF THE PRODUCT	Modified Epoxy Ester	

TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS	
RESISTANCES	
ATMOSPHERIC AGENTS	Very good
ATMOSPHERE IND. NORMAL	Good
ATMOSPHERE IND. HEAVY	Good
MARINE ATMOSPHERE	Good
HIGH HUMIDITY ENVIRONMENTS	Very good
NON-CONTINUOUS IMMERSION IN EMULSIFIED OIL	Very good
SALT SPRAY TEST	300 hours
APPLICATION MODE	
BRUSH, ROLLER	brush/roller: 5-10% dilution with mains water
SPRAY	Conventional spray: 10% dilution with mains water Nozzle pressure: 1,9 mm - air pressure: 3-4 atm
HARDENING	
OUT DUST	20-30 min
OUT OF TACT	1-2 hours
IN-DEPTH	24 hours
ACCELERATED DRYING	30' at 80°C
COMPLETE DRYING	7 days



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The times reported refer to drying in an environment with a temperature of 23°C and relative humidity below 65%. It is not recommended to apply at temperatures lower than 15°C and a relative humidity higher than 75%, conditions in which the curing time can expand considerably until it irreversibly corrupts the normal filming and polymerisation process. Application on surfaces susceptible to condensation must be carefully avoided; for this reason the temperature of the substrate must be higher than the dew point of at least 3°C. It should be borne in mind that, as the paint dries by oxidation, deep drying may be compromised by applying too high a layer.

OVERPAINTING

The product is suitable for overpainting with single-component and two-component products. Also with solvent-based finishes, after a good flash-off.

SURFACES PREPARATION

IDROPOX FONDO can be applied on ferrous metal accurately degreased or sandblasted. It has good adhesion characteristics also on non-ferrous metals or their alloys (in these cases it is advisable to check the compliance of the obtainable result with the desired properties). It can also be applied on layers of pre-existing paints with sufficient cohesion and adhesion to the substrate. The surfaces to be treated must in any case be dry, clean and free of greasiness.

ENVIRONMENTAL CONDITIONS

The temperature of the substrate and exterior must be at least 3 degrees above dew point.

TOOLS CLEANINGS

Guns, containers, dirty pipes of FONDO IDROPOX R.E. can be easily washed with abundant water; encrusted surfaces can be washed with acetone or nitro thinner.

STORAGE

Fear frost - in a cool environment, away from direct exposure to sunlight, the enamel is stable for at least 6 months.

The information given in this technical data sheet is indicative and based on our knowledge derived from experience and experimentation and can in no way constitute a guarantee. The purchaser/user decides independently on the suitability of the product for his own requirements in the context of the specific field of use. For safety information please refer to the relevant toxicological data sheet.