



## TECHNICAL DATA SHEET

0BG4W

IDROPOX PRIMER WB

Creation date 02/04/15

Last update 28/07/22

Rev. 1

| GENERAL CHARACTERISTICS   |  |             |
|---|--|-------------|
| Very fast-drying waterborne primer with excellent opacity and good anticorrosive power. IDROPOX PRIMER acquires high water drop resistance in a short time (a characteristic that makes it suitable even in applications that are intended to be exposed, "immediately after" the painting phase) and resistance to atmospheric agents, without special precautions. Its formulation makes it possible to reduce the percentage of VOC emitted in the application phases. |  |             |
| CHARACTERISTICS OF THE SUPPLY PRODUCT   |  |             |
|   |  | NOTES       |
| SPECIFIC WEIGHT   | 1.45 ± 0,1 Kg/L                                  |             |
| VISCOSITY   | R4 700 cP a 20°C                                 |             |
| SOLIDS CONTENT  | 60 ± 1% (weight)                                 | Theoretical |
| YIELD: (50 µm dry)  | 7,5 m²/Kg  | Theoretical |
| AVAILABLE COLORS  | RAL, Pantone and NCS charts<br>Personalized dyes |             |
| 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  |
| APPLICATION MODE  |   |
| BRUSH, ROLLER   | brush/roller: 5-10% dilution with mains water   |
| SPRAY   | Conventional spray: 10% dilution with water<br>Nozzle pressure: 1,5 mm<br>Air pressure: 3-3,5 atm |
| HARDENING   |   |
| OUT DUST  | 20-30 min   |
| OUT OF TACT   | 1-2 hours   |
| IN-DEPTH  | 24 hours  |
| ACCELERATED DRYING  | 30' at 80°C (flash off 20 mins)   |
| COMPLETE DRYING   | 7 days  |
| 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. 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 |
|--------------|
|--------------|



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After 30 min with itself after 45/60 min with a different waterborne topocoat

### **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**

Avoid cold environment (below 5 degrees) - In a low humidity environment, away from direct exposure to sunlight, the enamel is stable for at least 12 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.