

## TECHNICAL DATA SHEET

3DG4

LINEA IRONPUR

Creation date 15/04/2019  
Rev. 1

| GENERAL CHARACTERISTICS  |   |                          |
|--|---|--------------------------|
| Two-component polyurethane matt micaceous enamel with excellent weathering resistance, maximum resistance to aggressive chemicals, very low flammability, high elasticity, excellent gloss and colour retention, good coverage.<br>The enamel is particularly suitable for epoxy (primer) - polyurethane (topcoat) composite cycles, to obtain maximum adhesion performance to the substrate and resistance to aggressive agents in all types of applications: from painting industrial machines to finishing elements with particular aesthetic and/or resistance features. |   |                          |
| CHARACTERISTICS OF THE SUPPLY PRODUCT  |   |                          |
|  |   | NOTES                    |
| SPECIFIC WEIGHT  | 1.43 ± 0,1 Kg/lt                            |                          |
| VISCOSITY  | R4 4000 cP at 20°C                          |                          |
| SOLIDS CONTENT   | 73 ± 1% (weight)                            | Theoretical              |
| YIELD: (50 µm dry)   | Theoretical:<br>9 m²/Kg                     | Theoretical              |
| OPACITIES  | 20-30 Gloss                                 | Glossmeters 60°          |
| VOC gr/l (Dir. 2010/75/EC)   | ////  | See technical data sheet |
| AVAILABLE COLOURS  | From IRONVIV folder / FERRO MICACEE colours |                          |
| CATALYSIS RATIO  | 50% p/p con HDR3.G35                        |                          |
| NATURE OF THE PRODUCT  | Poliuretantica                              |                          |

| TECHNOLOGICAL CHARACTERISTICS AND RESISTANCE TESTS |           |
|--|-----------|
| RESISTANCES  |           |
| ATMOSPHERIC AGENTS                                 | Very good |
| NORMAL INDUSTRIAL ATMOSPHERE                       | Good      |
| HEAVY INDUSTRIAL ATMOSPHERE                        | Very good |
| MARINE ATMOSPHERE                                  | Good      |
| HIGH HUMIDITY ENVIRONMENTS                         | Excellent |
| ALTERNATING IMMERSION IN WATER                     | Good      |
| CONTINUOUS IMMERSION IN WATER                      | Good      |
| ORGANIC ACIDS                                      | Medio     |
| INORGANIC ACIDS AND ALKALIS                        | Good      |
| ALIFATICALS  | Very good |
| AROMATICS  | Good      |
| ALCOHOLS   | Good      |
| ACID SALTS   | Very good |
| ALCALINI SALTS                                     | Good      |
| OILS AND FATS                                      | Very good |



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| APPLICATION MODE   |  |
|--|--|
| BRUSH, ROLLER  | Recommended only for retouching operations or on surfaces of limited size.<br>Dil. 5-10% with SLOW POLYURETHANIC DILUENT |
| SPRAY  | Dilution 10-15% POLYURETHANIC DILUENT<br>Nozzle pressure: 3-4 bar<br>Nozzle diameter: 1.5 mm                             |
| <i>The application must not exceed 40 µm dry per coat.</i>   |  |
| HARDENING  |  |
| DUST FREE  | 40 min   |
| TOUCH FREE   | 2-4 hours  |
| DEEP HARDENING   | 8-10 hours   |
| COMPLETE DRYING  | 7 days   |
| <i>Drying can also be carried out in an oven at 80°C max (40'), after a 20-minute drying time.</i>   |  |
| Curing times may vary considerably depending on the thickness applied. A high thickness can compromise deep drying. Temperature can also have a significant influence on the temperature, especially on the evaporation of solvents.   |  |
| SURFACES PREPARATION   |  |
| VIVPUR must be applied on a suitable nitro-resistant anticorrosive primer. The best adhesion results of the painting cycle are obtained by using our VIVEPOX FONDO or our ACRIVIVIV FONDO. The surfaces to be treated must in any case be dry, clean and free of greasiness. Possible retouches of the cured finish (after 8-12 hours) can be made only after sanding. |  |
| ENVIRONMENTAL CONDITIONS   |  |
| The temperature of the substrate and exterior must be at least 3 degrees above dew point.  |  |
| TOOLS CLEANING   |  |
| The tools can be cleaned from the uncured product with DILUENTE NITRO ANTINEBBIA.  |  |
| STORAGE  |  |
| In a cool and dry place, and in a well sealed tin, the product 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.

# Vivcolor s.r.l.

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