

## N2001 - TECHNICAL DATA SHEET HYDROFER GRIGIO RAL 7000

REV. 00 09/18

### CHEMICAL NATURE

1K Synthetic primer.

### MAIN CHARACTERISTICS

- Very anticorrosive water based monocomponent primer for external and internal uses.
- Good hiding, absolutely nontoxic and easy to apply.
- Satin and compact look, excellent elasticity and good adhesion on metal surface used in metal framework.
- Not suitable to be used following Normative 2004/42/CE - Dlgs 161/06.

### SETTORE DI IMPIEGO

As a primer for painting workshop equipment, metallic carpentry (light and heavy), accessories for machines (agricultural, construction, forestry, earth moving), tools machines, industrial mechanic, objects, radiator.

### TECHNICAL DATA

SPECIFIC WEIGHT	1,2 – 1,4 gr/ml
SOLID CONTENT	54-58% by weight
DYNAMIC VISCOSITY	1200-1500 mPa.s – A3V20
VOC MIXTURE READY TO USE	70-90 gr/l

### SURFACE PREPARATION

The main recommended methods to do the best surface preparation before painting, are well described in the guide B01R00 – SURFACE PREPARATION BEFORE PAINT APPLICATION .

### EQUIPMENTS AND GENERAL RECOMMENDATIONS FOR THE PRODUCT APPLICATIONS

	MIXING RATIO	DILUTION: 5-10% THINNER: DEMINERALIZED WATER
	NUMBER OF COATS	1 soft + 1 crossed full, or 2 crossed full
	RECOMMENDED FINAL THICKNESS	Wet Film = 140 microns Dry Film = 50 microns
	FLASH OFF	10-15 minutes wait, then possible to be over-painted with a second coat
	TIME OF OVERPAINTING	From a minimal time of 1 hours.
	THEORETICAL YIELD	8 m <sup>2</sup> /l (thickness 50 microns dry)
	AIR DRYING (20-25 °C)	Dust free 15-20 minutes Touch free after 1 h Mark free after 3-4 h Dry in depth after 3 days

	OVEN DRYING	<p>At 50 °C completely dried after 2h but not packable/ pileable          A 80 °C completely dried after 1h but not packable/ pileable</p>
	EMPLOY CONDITIONS	<p>Room temperature = 12-35 °C          Surface temperature = at least 10 °C and surface free of condensate          Environment humidity = 50-70% max</p>
	ADDITIONAL INFORMATION	<p>1) Carefully follow the procedures and times of repainting so as not to occur in phenomena of removal or wrinkling of the below coat of paint which may otherwise occur if the subsequent coats are applied after the times indicated          2) Strictly follow ways of times of the over painting in order to avoid problems of loss of adhesion of the subsequent layer of paint. This can be happened if the next coats are applied before the mentioned intervals;;          3) the Colorificio Damiani S.p.A. doesn't answer of anomalies or defects caused by the use of hardeners and thinners supplied by other producers or by mixed painting process composed by products not fully supplied by our company;</p>

**CLEANING OF EQUIPEMENT and TOOLS / POSSIBLE PAINT-STRIPPING**

During the working day, it is recommended the washing of spraying equipment and others. The times of washing depend on the numbers of paintings, room temperature and the interruptions done. After the painting, clean immediately with DEMINERALIZED WATER all the equipment.

**STORAGE**

The product must be preserved in the original closed can protected from excessive cold and warm conditions (Temperature from +5°C to 35°C) Once the product is thinned , must be used within few days. Information about labels and manipulation are available in the safety data sheet. Liquid or solid contents must be disposed following the local laws.

All the information mentioned in this document have been written based on the technical knowledge gathed during the years and on laboratory tests. Anyway they can't be used as form of our responsibility or excuse for contestations deriving from the inappropriate employ of the product as he conditions of application can't be under our direct control..