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PRODUCT DATA SHEET

PRODUCT: **IDROGLIDER® SERIE GOLD**
One-component PTFE based topcoat, waterborne

CODE: **COMP. A 673**
COMP. B -

PRODUCT DESCRIPTION:

One-component water-finish, non-flammable and very low VOC finish, characterized by excellent adhesion to various surfaces, high sliding performance, anti-friction-wear, anti-adhesion and heat dissipation. Consists of a complex mixture of resins, fillers, additives and special dyes in water, this painting is crosslinked in oven at a temperature of 175 ° C for a time of 25 minutes. It is recommended to spend 24 hours after cooking, before putting into operation the artifacts, which, however, in this period of time may undergo further processing. Spray application is homogenized in cooking showing up at the end with a slip resistant surface. It is used in the coating of various artifacts where these properties are requested, such as cutting saw, cutters, equipment and accessories for handling, augers, weapons, molds, etc.

SURFACE PREPARATION:

The product must be applied strictly on dry surfaces, clean, perfectly free of oil, grease, dust, moisture or other contaminants. It is advisable in any case to check the compatibility of the cleaning and surface preparation processes with product application before starting series production.

APPLICATION METHODS:

Spray.

APPLICATION INSTRUCTIONS:

	CONVENTIONAL SPRAY LOW PRESSURE PUMP	AIRLESS AIRMIX	
Nozzle diameter (mm)	1,2÷1,5	Pressure ratio	--
Product pressure (Atm)	--	Nozzle diameter (inch)	--
Air pressure	3,5÷4,0	Product pressure (Atm)	--



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TECHNICAL DATA:

Mechanism of hardening	chemical reaction and heat curing
Specific weight (kg / l) *	1,2 (±8%)
Volume solids (%) *	41 (±1%)
Medium dry film thickness (microns)	20
Correspondence wet film thickness (microns)	49
Yield to the average or recommended thickness (m ² / kg) *	17,2
Consumption at the average or recommended thickness (Kg / m ²) *	0,058
Passivation time at 25 ° C (min)	15-20
Hard dry at 175 ° C (minutes)	25
Recommended application temperature (° C)	20
Thinner	Water
Aspect of the film	satin
Color	On request
Storage in suitable conditions (months)	6

N.B.

* Data referred to colour black. The solid content values, specific weight and yield were calculated with theoretical method. Thickness and performance are indicative, in fact vary greatly depending condition of substrate, absorption, porosity, surface irregularities and application method.



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RECOMMENDED CYCLES:

Recommended primer:

Recommended intermediate:

Recommended topcoat:

ADDITIONAL INFORMATION:

This is a one-component product. Vigorously mix the product for a few minutes with appropriate instruments and characterized by sufficient size, in order to ensure the complete homogeneity. Where possible it is preferable to use a mechanical stirrer.

IMPORTANT NOTE

All information contained in this form are the result of laboratory tests carried out under controlled conditions and well-defined and / or correspond to our most advanced and current technical and practical knowledge. this does not exempt the customer, given the variability of environmental conditions and personal systems of application, from carrying out their own investigations and to make their own eligibility checks. Mondial Color assumes no responsibility for any damage caused by improper use of the product. The values of specific weight, solids by volume and yields were calculated by theoretical methods. This sheet supersedes the previous editions.
