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CERTIFIED MANAGEMENT SYSTEM
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PRODUCT DATA SHEET

PRODUCT: **SILISINT**
Silicone-synthetic enamel for exteriors - gloss

CODE: **COMP. A D/0516**

PRODUCT DESCRIPTION:

One component high quality finish, formulated with glycerophthalic-silicone resins to be used where it is required a very durable finish and resistance to atmospheric agents even in severe weather conditions, for example in the marine environment. The quality of the raw materials used, gives this excellent enamel aging stability, small changes in appearance and color, excellent coverage and outstanding self-leveling. It follows an easy application suited to DIY. Not applicable directly on aluminum, hot dip galvanized steel and inorganic zinc. Not suitable for contact with organic solvents and corrosive concentrated substances (sulfuric acid, sodium hydroxide).

SURFACE PREPARATION:

Applicable on metal, wood and walls, upon adequate priming where necessary. Prepare the surfaces by sanding, brushing, degreasing, or simple cleaning as needed. The product must be applied strictly on dry surfaces, clean, perfectly free of oil, grease, dust, moisture or other contaminants.

APPLICATION METHODS:

Spray, brush or roll.

APPLICATION INSTRUCTIONS:

	CONVENTIONAL SPRAY LOW PRESSURE PUMP	AIRLESS AIRMIX	
Nozzle diameter (mm)	1,5÷2,0	Pressure ratio	30:1
Product pressure (Atm)	1,0÷1,7	Nozzle diameter (inch)	0,011÷0,015
Air pressure	3,5÷4,0	Product pressure (Atm)	110,0÷140,0



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TECHNICAL DATA:

	Evaporation of the solvent and oxidation
Mechanism of hardening	
Specific weight (kg / l) *	1,25 (±5%)
Volume solids (%) *	54,8 (±1%)
Medium dry film thickness (microns)	40
Correspondence wet film thickness (microns)	73
Yield to the average or recommended thickness (m ² / kg) *	10,96
Consumption at the average or recommended thickness (Kg / m ²) *	0,912
Touch dry at 25 ° C (hours)	4
Recoat time min. recommended 25 ° C (hours)	12
Recoat time max. recommended 25 ° C (days)	1
Hard dry at 25 ° C (days)	5
Maximum operating temperature (° C)	85
Recommended application temperature (° C)	+5~ +45
Thinner	6000025 - 6060001
Aspect of the film	glossy
Color	On request
Storage in suitable conditions (months)	24

N.B.

* Data referred to colour white. 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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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. This product is recommended where paintwork has to be carried out with brush/roller and with one-component products. For roller and brush application it can be diluted to 5-8% with mineral wax, for spray application increase dilution to 25%.

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.
