

PRODUCT DATA SHEET

SSR IND TIPO C
Fast-drying synthetic enamel

CHARACTERISTIC Satin enamel, suitable for painting systems of various artifacts in interior and exterior; It can be directly applied in a single coat. It is formulated with natural pigments and modified alkyd resins, solvent-based, which provide special adhesion. The properties of low tendency to sagging and fast drying, allow applications with professional tools with a finish that is uniformly thick, with adequate coverage of the edges, as well as a rapid execution of the painting.

USE It can be used on undercoats resistant to the subsequent application of nitro thinner. It is suitable for decoration and protection from the elements in rural, marine or industrial environments (also with intense shades) of new structures or structures undergoing maintenance, eg industrial machinery, fixtures, railings, containers, agricultural equipment and construction of substrates iron, galvanized iron, aluminum, alloys, appropriately pre-treated.
 The application can take place in layers with wet film within 2 hours, or at dry film after the drying-to-the-touch period. The preheating of the product to about 30 ° C gave good results by improving the drying, the coverage of the edges and avoiding sagging. It can be catalyzed with 10% of Induritore poliuretanico MS to improve the stackability and resistance to overcoating. It is suitable to forced drying in a hot air tunnel at 40-50 ° C. Sanding dust and / or spraying and dry paint residue should not be accumulated because they can cause spontaneous combustion.

PROPERTY OF THE PRODUCT	VALUE	METHOD
Application temperature	<+120 °C	
Flash point	27°C	
Solid by volume	55 %+/-2	

SPECIFICATION DATA	VALUE	METHOD
Specific weight	1150-1350 g/l	Internal PF3
Gloss	45 - 55	Internal PF6
Drying Time	Fully 12 h	Internal PF2

THICKNESS AND YIELD	Min.	Max	Recommended
Thickness of dry film, µm	40	80	60
Thickness of wet film, µm	73	146	109
Theoretical yield, m²/l	13,7	6,8	11
Theoretical yield, m²/kg	11	5,4	8,8

STORAGE Product is stable till one year as long as it is kept in original and unopened buckets at temperature between +5°C e +30°C.

COLOUR The range of colors can be chosen in shades of RAL. Between one production and the other, tint may be slightly different, it is therefore important to finish the job with the same batch.

PREPARATION OF SURFACE **General observation:** Surface must be dry and clean from any kind of oil, grease and salts.

Coated surface

With primer: it can be painted if the substrate is clean and free of dirt, oil, grease, and the application falls within the maximum re-coat time of the primer. If cleaning is

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	required, perform pressure washing grade Wa 2 (surface free of oil, grease, salt, dirt). With complete finishing coat:if undamaged compatible and non-chalky perform cleaning from any oil and grease with detergent, then run sanding surface followed by pressure washing to remove dust and salts. <i>Rusty coating:</i> perform mechanical preparation St2 or St3 followed by pressure washing to remove oil, grease, dust and salt or sand blasting Sa2 or Sa2½; then restore the thickness of primer. <i>Localized maintenance:</i> perform mechanical preparation St2 or St3 followed by pressure washing to remove oil, grease, dust and salt or sand blasting Sa2 or Sa2½. Round off the edges of the well anchored painting and restore the system in the original layers and thicknesses.		
TOOLS	Conventional or airless spray: (with high temperature and humidity <40% it is possible the formation of "dusting", in this case use fast drying Diluente S800), roller, brush.		
APPLICATION	Thinning	Conventional or airless spray: 5-10% with thinner Nitro NV5000	
	Application condition	Roller, brush: 5-10% with Diluente S800 +5°C +40°C >3°C at dew point Relative humidity: <70%	
	Application by airless	Nozzle pressure: 15 MPa (150 kp/cm², 2100 psi.). Nozzle: 0,28 - 0,38 mm (0,011 - 0,018") Angle range: 40 - 80° Air pressure: Compression ratio 30:1 (pressure 150-180 kg/cm²)	
	Application by conventional spray	Nozzle: 1,6 – 1,8 mm Angle range: 40 - 80° Air pressure: 3,5-4 kg/cm²	
	Thinner for washing	Thinner Nitro NV 5000	
DRYING TIME	Dry time are purely indicative as it might be longer or shorter by keeping in consideration ventilation, humidity, thickness of the applied film. High thicknesses per coat and unfavorable environmental conditions slow down the drying and hardening depth.		
	DTF 50 micron		
	Surface temperature	10°C	23°C
	Out touch	45'	30'
	Dry touch	12h	8h
	Full	24	12h
	Minimum time of over application	45'	30'
RECOMMENDED PRIMER	Steel: Primer 15, Crometal Tipo A. Galvanized steel, aluminum, alloys: Aridur, Chromocap W.		

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RECOMMENDED SYSTEM	Industrial atmosphere			
	Product	Coat	Wet Thickness	Dry thickness
	Primer 15	1	95	60
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	SSR Ind TIPO C	1	109	60
	Total	3	299	180

ALTERNATIVE SYSTEM	Product	Coat	Wet Thickness	Dry thickness
	Crometal T.A	1	100	65
	Crometal T.A	1	100	65
	SSR Ind TIPO C	1	109	60
	Total	3	309	190

INSTRUCTIONS

To carry out the work in a proper way, it is needed to strictly follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books. The specification data and technical information have been calculated at +23°C with relative ambient humidity of 65%. In different conditions the data and the time intervals between the two phases of the above reported coating system may vary. This technical information is intended as a rough guide. However, because of the enormous variety of media and application conditions, it is essential to check the suitability of the product and test the effectiveness on a sample.