



**Colorificio
Sammarinese
SpA**

Via del Camerario 7
47891 Falciano - San Marino

T +378 (0549) 905 515
colorificio@colsam.com
colorificio.sammarinese@pec.sm

c.o.e SM00026
Cap. soc. € 3.000.000,00 i.v.
Numero iscrizione 279
del 6 luglio 2010

colorificio.sm



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Sanoline

75200030 POLICRIL TRASPARENTE LUCIDO glossy two-component polyurethane top coat



A solvent-based glossy transparent two-component product suitable for coating wood, aluminium, steel and ferrous and non-ferrous metals, both indoors and outdoors. It guarantees excellent results also as a top coat on two-component finishes for further improving the gloss of certain coating cycles.



Revision date	23/03/2022
Composition	A two-component product formulated with acrylic-polyurethane resins and an aliphatic isocyanate hardening agent, with chemical cross-linking.
Main properties	<ul style="list-style-type: none">• resistant to weathering• high adhesion• non-yellowing
Uses	<p>Suitable as a single coat applied directly on metal in do-it-yourself applications, or as a top coat in industrial coating cycles for new constructions or for maintenance work; it can be used in many different environments, including metal carpentries, mechanical industries and petrochemical plants.</p> <p>Its high chemical resistance, non-yellowing properties and colourless appearance make it suitable for protecting concrete supports against graffiti or as a top coat on two-component finishes.</p> <p>When used for this purpose, it is useful to add an anti-graffiti additive supplied separately.</p>

Technical specifications (data measured at 20°C, with 65% R.H.)	Reference	UoM	Values
Specific weight (pycnometer)	C022		0.968 ± 0.028
Ford viscosity cup no. 4	C042		60 ± 10
Gloss 60° (instrumental test)	C005	Gloss	90-95
Dry residue by volume (A+B)		%	42 ± 1
Adhesion	ISO 2409		0 (zero) standardised support type Q-Panel Type S Ground
Recommended DFT	ISO 2808	µm	40-45
Recommended wet thickness		µm	90-100
Theoretical coverage		m ² /l	10-11 at the recommended thickness.
Practical coverage			Consider an appropriate loss factor.



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Method of use

. Surface and application conditions	Ambient temperature min. +5°C/max +35°C R.H. < 70% Temperature of the support min. +5°C/max. +35°C and at least 3°C above the dew point
. Catalysis ratio	POLICRIL TRASPARENTE LUCIDO: Catalyst 94200226 or 94200301 100:50 by volume 100:50 by weight Further catalysis options available, contact the Technical Support Service.
. Duration of the mix (pot life)	12 hours @ 20°C
. Application method	Brush, roller, spray
. Thinner	93200013
. Dilution	Ready for use, if necessary 5% maximum
. Mixing	This product is supplied in two different containers. 1) Mix POLICRIL TRASPARENTE LUCIDO (Part A) using a mechanical mixer. 2) Add the Catalyst (Part B) and mix the two parts together with a mechanical mixer. 3) Dilute according to the instructions. After mixing, the product must be applied within the specified pot life.

Precautions and warnings

- make sure that no catalysed product remains inside the spray gun
- once the product's pot life has expired, the product is no longer usable;
- only the specified thinners must be used; refer to the "Method of use" technical data sheet section under the item "Thinner". The use of other solvents, especially for recovery, may impair the chemical-physical characteristics of the varnish film;
- try to prevent condensation effects during or immediately after application (including weather conditions), to ensure that the varnish film forms correctly;
- do not apply to a thickness of more than 80-90 microns DFT per coat, to prevent superficial defects from forming;
- this product cures with difficulty below 5°C; for optimal performance of the varnish film, temperatures above 10°C are recommended;
- if you wish to paint over POLICRIL TRASPARENTE LUCIDO that has been exposed outdoors for a long time, make sure you remove any dirt and/or contaminants; depending on the chosen coating cycle, sanding may be required;
- POLICRIL TRASPARENTE LUCIDO attains its maximum chemical and physical performance upon the final polymerisation (see "Hardening times" table);
- the 94200226 catalyst is sensitive to humidity. Even minute traces of water will reduce its duration and cause defects in the coating film.

. Cleaning of tools	Clean the equipment immediately after use using one of the following thinners: Diluyente per Polidur 93200013 or Diluyente Nitro 92100012.
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Surface preparation

or in the painting plant;

The surface must be clean, dry and free of contaminants.

Before applying any coating product, one should first assess the most appropriate treatment in accordance with the ISO 8504:2000 standard.

Oil and grease must be removed in accordance with SSPC-SP1 (cleaning with solvents).

Application cycle

Apply one or two coats directly to the adequately prepared support.

It can also be applied to polyurethane or polyacrylic finishes (series 6420 - 6430 Polidur or 6451 Policril) to enhance the gloss rating.

Compatibility of cycles

POLICRIL TRASPARENTE LUCIDO can be coated over with itself.

For further details, contact the Colorificio Sammarinese S.p.A. Technical Support Service.

Storage

Store between +10°C and +35°C. The product can be stored for 24 months in its original packaging. After this time, you must check the condition of the product. The catalyst can be stored for 6 months in its original packaging.

Warnings and safety

This product is provided only for professional use and for professional application technicians.

We recommend always referring to the product Safety Data Sheets for details relating to health and safety and for the storage and disposal rules.

This information is the result of our practical experience but is purely indicative. For more detailed information, please contact our technical support service. This sheet annuls and replaces any previous editions.
