



Colorificio
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SpA

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Cap. soc. € 3.000.000,00 i.v.
Riconoscimento giuridico
n. 26 del 20 maggio 1944

AZIENDA CON
SISTEMA DI GESTIONE QUALITÀ
CERTIFICATO DA DNV
ISO 9001

75200030 POLICRIL TRANSPARENT GLOSSY

two-component, glossy polyurethane finish



A two-component, solvent-based, clear, glossy product suitable for painting wood, aluminum, steel, ferrous and non-ferrous metals, both indoors and outdoors. Also excellent as a topcoat on two-component finishes to further enhance the gloss of certain paint systems.



Revision date

March 23, 2022

Composition

Two-component product based on acrylic-polyurethane resins and aliphatic isocyanate-based hardener, chemically cross-linked.

Main properties

- weather resistant
- high grip
- non-yellowing

Jobs

Suitable as a single coat directly on metal in DIY projects, or as a finish in industrial painting cycles for new buildings or for maintenance, usable in a wide variety of environments such as carpentry, mechanical industries, petrochemical plants.

Its characteristics of high chemical resistance, non-yellowing and colourlessness make it suitable as an anti-writing protector on cementitious substrates or as a top coat on two-component finishes.

For this use it is useful to add an anti-scratch additive supplied separately.

Technical features

(data measured at 20°C, RH 65%)

| | Reference | UM | Values |
|---------------------------------------|-----------|-------------------|---|
| Specific gravity (pycnometer) | C022 | | 0.968 ± 0.028 |
| Ford Viscosity No. 4 | C042 | | 60 ± 10 |
| Brightness 60° (instrumental control) | C005 | Gloss | 90-95 |
| Dry residue by volume (A+B) | | % | 42 ± 1 |
| Adherence | ISO 2409 | | 0 (zero) standardized support type Q-Panel Type S Ground |
| Recommended DFT thickness | ISO 2808 | µm | 40 - 45 |
| Recommended wet thickness | | µm | 90 - 100 |
| Theoretical Yield | | m ² /l | 10-11 At the recommended thickness. |
| Practical Yield | | | Consider an appropriate loss factor. |

How to use



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. Environmental and environmental conditions support
Ambient temperature min + 5°C / max + 35°C RH < 70%
Media temperature min + 5°C / max + 35°C and at least 3°C above the dew point.

Catalysis ratio
POLICRIL TRANSPARENT GLOSSY: Catalyst 94200226 or 94200301

100:50 in volume
100: 50 by weight
further catalyses available, consult the technical service.

Pot life
12 hours @ 20°C

. Method of application
Brush, roller, spray.

Thinner
93200013

. Dilution
Ready to use, if needed maximum 5%

. Mixing
This product comes in two separate containers.
1) Shake POLICRIL TRASPARENTE LUCIDO (Part A) with a mechanical stirrer;
2) Add the Catalyst (Part B) and mix with a mechanical stirrer;
3) Dilute according to directions.
Once mixed, the product must be applied within the specified pot life of the mixture.

Precautions and warnings

- make sure that no catalyzed product remains in the gun or in the painting system;
- once the shelf life of the mixture has elapsed, the product can no longer be used;
- only the indicated thinners must be used; see the "Directions for Use" section of the Technical Data Sheet under the "Thinner" heading. The use of other solvents, especially recycled ones, may degrade the chemical-physical characteristics of the paint film;
- avoid condensation phenomena during or immediately after application (including meteorological phenomena), in order to obtain correct formation of the paint film;
- do not apply thicknesses greater than 80-90 microns DFT per coat, to avoid the formation of surface defects
- this product crosslinks with difficulty below 5°C, for maximum performance of the paint film temperatures above 10°C are recommended
- if you wish to repaint POLICRIL TRASPARENTE LUCIDO exposed outdoors for a long time, make sure to remove any dirt and/or contaminants; sanding may be necessary depending on the painting cycle.
- the maximum chemical-physical performance of the POLICRIL TRASPARENTE LUCIDO product is obtained during final polymerization (see "Hardening times" table).
- 94200226 Catalyst is sensitive to moisture. Even the smallest traces of water will shorten its shelf life and cause defects in the product film.

Cleaning the equipment

Clean equipment immediately after use with Polidur Thinner 93200013 or Nitro Thinner 92100012.



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Surface preparation

The surface must be clean, dry and free from contamination.
Before applying the paint product, the most suitable treatment must be evaluated in accordance with the ISO 8504:2000 standard.
Oil and grease must be removed in accordance with SSPC-SP1 (solvent cleaning).

Application Cycle

Apply one or two coats directly onto the properly prepared substrate.

It can also be applied on polyurethane or polyacrylic finishes (6420 - 6430 Polidur or 6451 Policril series) to obtain a higher degree of gloss.

Cycle Compatibility

It is possible to overpaint .POLICRIL TRANSPARENT GLOSSY with if same.

For further details, Sammarinese SpA contact Colorificio Technical Assistance

Conservation

Store between +10°C and +35°C. The product can be stored for 24 months in its original packaging. After this time, it is necessary to check the condition of the product. The catalyst can be stored for a period of 6 months in its original packaging.

Warnings and safety

This product is supplied for professional use and professional applicators only.

It is recommended to always refer to the product Safety Data Sheets for health and safety provisions and for storage and disposal rules.

These figures are based on our experience, but are indicative only. For more detailed information, please contact technical support. This sheet cancels and replaces previous editions.
