



Colorificio
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c.o.e SM00026
Fully paid-up share capital
€ 3.000.000,00
Legal title
no. 26 dated 20 May 1944

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

75200030 POLICRIL TRASPARENTE LUCIDO

glossy two-component polyurethane top coat



A two-component acrylic product in solvent for treating exposed concrete and wood flooring (anti-dust treatment), and as a protective agent for Epotec Pavimenti series 6390000. Also used to consolidate concrete surfaces for optimal adhesion. Penetrates deeply into the surface and boasts excellent resistance to water, oils and grease. It is also water-repellent and washable with water and detergents.



Date of revision

Composition	A two-component product with an acrylic-polyurethane resin base and an aliphatic isocyanate hardening agent, with chemical cross-linking.
Main properties	<ul style="list-style-type: none">• high adhesion• anti-oil• washable with water and detergents
Applications	Used as an adhesion and consolidating primer on concrete for obtaining excellent adhesion from the coating systems. It is also used as a transparent finishing paint on exposed concrete and wood flooring (anti-dust treatment) or as a protective agent for Epotec Pavimenti series 6390000.

Technical specifications (data measured at 20°C, with 65% R.H.)	Reference	UoM	Value
Appearance of the film	C004		Glossy
Dust-free drying		hours	1–1.5
Tack-free drying		hours	8–12
Dry-hard drying		hours	20–24
Coat-over time		hours	24
Full cross-linking		days	5–7
Dry residue		%	16.0 ± 1
Dry residue by volume (A+B)		%	18 ± 1

Method of use

. Surface and application conditions	Ambient temperature min +5°C / max +35°C with R.H. < 70%. Temperature of the support min 5°C / max 35°C and at least 3°C above the dew point.
. Catalysis ratio	100 parts by weight of POLICRIL TRASPARENTE LUCIDO with 50 parts by weight of 94200227. 100 parts by volume of POLICRIL TRASPARENTE LUCIDO with 20 parts by volume of 94200227.



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. Pot life	12 hours at 20°C
. Application method	Brush, roller, spraying
. Thinner	93200013
. Dilution	Ready for use, if necessary 5%
. Mixing	<p>This product is supplied in two different containers.</p> <p>1) Mix POLICRIL TRASPARENTE LUCIDO (Part A) using a mechanical mixer;</p> <p>2) Add the Catalyst (Part B) and mix together with a mechanical mixer;</p> <p>3) Dilute according to instructions.</p> <p>After mixing, the product must be applied within the specified pot life.</p>
. Theoretical coverage	<p>10–11 m²/l per coat, at the recommended thickness of 40–45 µm;</p> <p>10–11 m²/kg per coat, at the recommended thickness of 40–45 µm.</p>



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Application cycle

Characteristics of the substrate

Before applying POLICRIL TRASPARENTE LUCIDO, it is necessary to check the support on which the coating will be applied.

For best results, it is necessary to verify that:

- The substrate is free of materials that could prevent the successive coating from adhering, such as:
 - concrete scurf;
 - dust, detaching of loose parts;
 - protective waxes, seasoned products, paraffins, efflorescence;
 - oil stains or dirty resin layers;
 - residues of varnish or chemical products.
- Any other pollutant that can hamper the coating's adhesion has been removed before work starts. If the support is contaminated with these elements, it must be suitably prepared with specific actions.
- The support's pull-off strength is greater than 1.5 N/mm².
- The maximum humidity content of the support is 4% and there is an adequate vapour barrier; should this not be the case, avoid using POLICRIL TRASPARENTE LUCIDO as it may detach and/or bubbles could form.

If the above characteristics are fulfilled, the POLICRIL TRASPARENTE LUCIDO system can be applied on concrete industrial flooring, traditional or polymer-modified cementitious screeds, and controlled-shrinkage screeds.

Preparation of the substrate

It is indispensable to prepare the surface appropriately to ensure an excellent application and guarantee optimal performances for the POLICRIL TRASPARENTE LUCIDO epoxy cycle.

The most appropriate preparation method is sanding with a carborundum disc or smoothing with diamond discs followed by aspiration of the resulting powders. Avoid preparation methods that can generate percussion as they could damage the substrate due to the resulting micro-cracks.

Any defects such as holes, pockmarks, cuts, etc. must be repaired by choosing specific products on the basis on the width and depth of the defects and damages.

If the paving has large depressions or heavily deteriorated zones, these must be reconstructed in advance using appropriate mortar.

Highly degraded joints must be reconstructed using the same materials.

Failure to observe these conditions will lead to poor results.

Preliminary checks

Upon application make sure that the checks specified under "Characteristics of the substrate" have been made and that all the operations indicated under "Preparation of the substrate" have been carried out correctly.

The ambient temperature must be above +8°C (ideally +15°C to +25°C) and the temperature of the substrate must be at least +3°C above the dew point.

Application

Use as a consolidating agent:

Apply one coat of POLICRIL TRASPARENTE LUCIDO and wait 8–24 hours before applying the finishing products.

Use as a transparent finishing coat:

Apply 2 coats of POLICRIL TRASPARENTE LUCIDO with a 24-hour interval in between them.



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Use as a protective agent for 6390 and 6391:

Wait 24 hours after applying the last coat of the series 6390 and 6391 then apply 2 coats of POLICRIL TRASPARENTE LUCIDO with a 24-hour interval in between them.

It is good practice to wait a few days before opening the coated surface to traffic.

Nevertheless, it is a good idea to run a test application over a significant area of the floor, so as to check on the adhesion properties of the coating cycle.

Notes

The product cannot be used as is, but must always be tinted with the Colormaker Professional tinting system.

Keep the containers tightly closed and avoid applying the product with excessive humidity levels.

Storage

Store between 10°C and 30°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

Work in well-ventilated environments and wear suitable personal protective equipment. Wash the brushes and tools immediately after use with thinner, and do not disperse the containers in the environment.

Keep out of reach of children.

For further information, consult the safety data sheet.

VOC Classification - Directive 2004/42/EC - Italian Legislative Decree no. 161/2006

Product for professional use.

Specification items

Apply 2 coats of 75200030 POLICRIL TRASPARENTE LUCIDO, a glossy two-component polyurethane top coat, on a suitably prepared support. Material and application included.

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 cancels and substitutes any previous editions.
