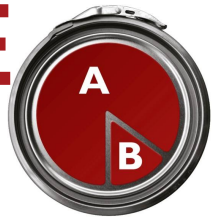
FINISOL TRASPARENTE LUCIDO



SOLVENT BASED GLOSSY TRANSPARENT POLYURETHANE TOP-COATING (A+B)

DESCRIPTION

Transparent compound based on aliphatic polyurethane resins.

FINISOL TRASPARENTE LUCIDO forms a film that maintains good flexibility and good resistance to abrasion and scratching.

It resists ultraviolet rays thanks to UV filters that prevent photo-oxidative degradation.

The hardened film resists the aggression of different acids (for further details contact Sivit Technical Assistance).

Glossy appearance.

USE

Top -Coating for resinous coatings.

Painting of concrete floors.ù

Anticorrosive finishing treatment for concrete structures and iron.

Particularly suitable for battery storage areas.

PREPARATION OF THE SUPPORT

Each support must be cleaned, degreased and free of non-cohesive parts.

Abrasive superficially to promote adhesion.

It is recommended to use clear abrasive papers with grain 150 or finer.

After abrasion completely remove dust from the surface.

- **Concrete surfaces and bricks** must be solid, seasoned, leveled, absorbent, not polluted by oils, powders or other substances.

Mechanically, prepare the surface by sanding or grinding. Priming the surface by applying PAVIWATER T68.

Any holes and slight anomalies can be repaired with PAVIRAPID or SIVITCOL.

- **Existing resin coatings** must be sanded or grinded, thus eliminating dust residues. In the case of newly made resin coatings, it is necessary to check the overcoating time of the previously applied product.

- **Metal surfaces** apply an anticorrosive epoxy primer after mechanical preparation (contact Sivit Technical Assistance).

APPLICATION

Combine the two components (A+B) and mix with a mixer drill for 1 minute.

Apply the mixture by roller with a consumption of about 0.100 kg/m^2.

To obtain a rough and non-slip surface, it is necessary to add, at the time of preparation of the 2 components, 3-5% of SFERETTE DI VETRO FINE or 10-20% QUARZO B0/B1 (see table).

Avoid preparing partial mixtures of the product in order to avoid errors, which could lead to a failure or incomplete hardening.

In case of application of a second coat, after overcoating time to sand the surface

Warnings: the product contains solvents, it is therefore necessary that the applicators wear the appropriate respiratory protection devices indicated on the Safety Data Sheet. It is also recommended to properly divide the work areas during application and in the following hours. During the evaporation phase, the nature of the solvents used can create annoying odors for non-experts present in nearby environments. When walkable, it is recommended to ventilate the premises well.

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TECHNICAL SPECIFICATIONS

PRODUC T DATA	
Colour	Transparent
Consumption	Roller: about 130 kg/m^2
Specific gravity (at 25 °C): mixture (A+B)	 0,98 +/- 0,05 g/ml
Viscosity (at 25 °C): mixture (A+B)	 50 +/- 10 mPa·s (spindle 1, rpm 50)
Dry residue (A+B)	50-52% by weight
VOC ready to use (Legislative Decree 161/06)	< 500 g/l Cat. A/j. High performance two-component paint (BS).
Solvent for cleaning tools	UNI Solvent
Storage	12 months, store in a dry place at a temperature between 5 °C and 30 °C; pay particular attention to component B, sensitive to air humidity
APPLICATION DATA AND TIMING	
Mixture ratio	by weight: A=100, B=27
Pot-life (50% U.R.)	at 10°C 120 min at 25°C 90 min at 35°C 40 min
Tack-free (50% R.H.)	at 10°C 24-28 hours at 25°C 8-10 hours at 35°C 5-7 hours
Walkable (50% R.H.)	at 25°C 12-24 hours
Coverage (50% R.H.)	at 25°C 12 to 36 hours (before covering, sanding must be done.)
Trafficable (50% R.H.)	at 25°C 3-5 days
Hardening in depth (50% R.H.)	at 25°C 7 days
Environmental conditions of use	Temperatures between +10°C and +35°C and R.H. < 60% (*)
Surface temperature	Between +10°C and +25°C
Manutenzione rivestimento	For cleaning wait minimum 7 days from the application day
TECHNICAL PERFORMANCE DATA	
Appearance	Slightly peeled gloss
Gloss 60°	85-95 (**)
Slipperiness (D.M. 236/89)	μ>0.40 (with 3% SFERETTE DI VETRO FINI)
Slipperiness (DIN 51130)	R11 (with 5% SFERETTE DI VETRO GROSSE) R12 (with 20% QUARZO B2)
Slipperiness (DIN 51097)	A (with 5% of SFERETTE DI VETRO GROSSE) C (with 10% QUARZO B1)
CE marking (reg. n. 305/2011)	Complies with EN 1504-2. Coating (C) Principle (PR).
Pull Off Adhesion (EN 1542)	2,1 MPa
Abrasion resistance standard EN 5470-1	<80 mg (Taber CS-10; 1000 rpm; 1000 gr)
Impact resistance (EN 6272-1)	15,7 Nm
Water permeability (EN 1062-2)	w = 0,001 kg/(h^{0,5}·m^2)

(*) FINISOL TRASPARENTE LUCIDO should be applied at a substrate temperature of at least 3°C higher than the dew point to avoid adhesion problems

(**) The gloss degree of FINISOL TRASPARENTE LUCIDO is influenced by the following factors:

- porosity of the support
- film thickness

Product for professional use, the buyer undertakes to follow the above warnings in the application of the purchased product and the instructions in the safety data sheet.