PRP GLASS PROTEKT

Issued on August 13, 2021 - Rev. No. 1 of November 11, 2023



INDOOR AIR QUALITY* A+ (A+ A B C)



PRP GLASS PROTEKT

TRANSPARENT PROTECTION FOR CONTINUOUS SURFACES

SATIN AND MATTE SINGLE-COMPONENT PROTECTIVE VARNISH

PRP Glass Protect protects, seals and extends the life of decorative surfaces.

Resistant to water, chlorine, chemical agents and wear. Ideal for interior and exterior environments with high performance.

- **HIGHEST PROTECTION** Resistant to washing, chemical agents and wear
- **JOINTLESS** Continuous and uniform surfaces
- **WATER-REPELLENT** Repels water, oil and dirt
- **HYGIENIC** Mold and antibacterial
- **ECO SUSTAINABLE** Very low VOC – APEO free

IT'S NOT JUST A FINISH. IT'S AN INVISIBLE SHIELD.

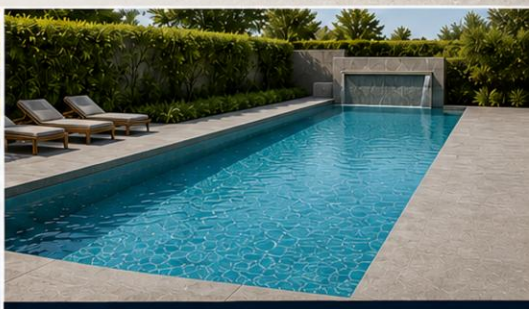
Protects and extends the life of decorative surfaces.
Resistant to water, chlorine, chemical agents and wear.
Ideal for indoor and outdoor environments with high performance.



1 SHOWER ENCLOSURE
Total protection against water, steam and detergents.
Surfaces always clean and protected.



2 CONTINUOUS FLOORING
High resistance to foot traffic and wear.
Reduces dirt buildup and makes cleaning easier.



3 SWIMMING POOL
Resistant to chlorine, salt water and UV rays.
Perfect for surfaces in contact with water.

HYDROPHOBIC AND OLEOPHOBIC
Repels water, oil and stains

RESISTANT TO CHLORINE AND SALT
Ideal for pools, spas and marine environments

HIGH RESISTANCE TO WEAR
Protects against foot traffic and abrasion

MOLD AND BACTERIAL RESISTANT
Reduces the growth of mold and bacteria

UV AND ATMOSPHERIC AGENTS PROTECTION
Non-yellowing, resistant over time

EASY TO CLEAN
Smooth surface, less dirt buildup

TECHNICAL DATA

Yield	~ 7 – 8 m²/L (2 coats)
Application	2 coats
Drying time	24 h at +20°C
Finish	Satin / Matte
Resistance	High chemical and mechanical
Dilution	Ready to use

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PRP GLASS PROTEKT

DESCRIPTION
PRP Glass Protekt is a single-component, transparent, satin-finish and matte synthetic paint based on synthetic polymers and modified natural polymers, designed to protect the final decorative layer of Cemento 3D, MarmUra, Hiridium, and ArchiMetal. It forms a virtually neutral film that provides long-lasting protection for coatings inside swimming pools, tubs, fountains, furniture, doors, areas with high levels of condensation, floors, and wall coverings.

FIELDS OF USE
- ✓ PRP Glass Protekt is the ideal solution for the long-lasting protection of continuous, vertical and horizontal surfaces, both indoors and outdoors.

CHARACTERISTICS
- ✓ The technology used to produce PRP Glass Protekt gives it the following physical and chemical characteristics:
- ✓ Good resistance to acidic and basic solutions
- ✓ Resists high temperatures
- ✓ Resists temperature changes
- ✓ Resists chlorine and marine environments
- ✓ Resists ultraviolet rays and ozone
- ✓ Good resistance to atmospheric agents
- ✓ Good resistance to environments with high condensation
- ✓ Reduces the formation of mold and algae
- ✓ Resists chlorinated, ozonated, and salt water
- ✓ Resistant to abrasion and corrosion, protects against graffiti
- ✓ Substantially reduces bacterial growth, improving hygiene
- ✓ Makes treated surfaces hydrophobic and oleophobic
- ✓ Reduces the adhesion of dirt and pollutants, making them easier to clean and dustproof

SUITABLE SUBSTRATES
- ✓ Microcem-FB
- ✓ Etna
- ✓ Terra Veneziana
- ✓ MarmUra
- ✓ Cemento 3D
- ✓ ArchiMetal
- ✓ Hiridium
- ✓ Metallika XL
- ✓ Ardhea
- ✓ Siloxane Glaze
- ✓ Decor Finish

PREPARATION
- ✓ PRP Glass Protekt is ready to use and does not require dilution.
- ✓ Mix the product thoroughly before use.

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APPLICATION

1. Apply a first coat of PRP Glass Protekt using a short-haired roller (mohair) for approximately 1/2 m^2 and then immediately smooth the product with a stainless-steel trowel to eliminate air bubbles.
2. Allow the product to dry for 24 hours (+20°C).
3. Apply a second coat of PRP Glass Protekt as described for the first.
4. Apply a third coat of PRP Glass Protekt as described for the second.
5. Allow the product to dry for 48 hours (+20°C).

TECHNICAL DATA

- ✓ Color: Characteristic
- ✓ Finish: Satin 45 gloss and matte 20 gloss
- ✓ Resistance: UV-resistant, non-yellowing
- ✓ Wear resistance: High resistance to trampling AR0.5
- ✓ Dilution: Ready to use
- ✓ Coverage: ±7-8 m^2/l for three coats, depending on product absorption.
- ✓ Drying at +20°C and RH: 65%: Dust-dry after 1 hour, touch-dry after 2 hours, and fully dry after 48 hours
- ✓ Slip resistance: DIN 51097 Class A method 12° ≤ α < 18° - Non-slip (DIN 51130): R11
- ✓ Specific gravity: 0.800 kg/L ± 0.05 at 20°C
- ✓ Spray application: With pressure equipment; 1.5–2 mm nozzles, pressure 3–4 bar, distance from the surface 15–30 cm
- ✓ Airless spray application: nozzles with an approx. 0.45 mm orifice, pressure 180 bar; Spray angle 68°-80°, distance from surface 15-30 cm
- ✓ Tool cleaning: with synthetic thinner
- ✓ Packaging: 2.5 L and 1 L
- ✓ Storage: 36 months in the original, tightly closed containers in a cool, dry place
- ✓ VOC classification (Legislative Decree 27 March 2006 No. 161): Product for professional use only
- ✓ Safety information: Please refer to the latest Safety Data Sheet (SDS) for hazard classification, precautions for use, and personal protective equipment (PPE).

IMPORTANT NOTES

- ✓ Avoid application on surfaces excessively heated by the sun, on frozen substrates, or where there is a risk of frost or rain during drying;
- ✓ Apply with relative humidity below 65% and at least 4 degrees above the dew point.
- ✓ The time required to overpaint is significantly influenced by the thickness applied, the temperature, and ventilation during drying; variations in these parameters could extend the drying time.
- ✓ If drying times are not respected, the applied product may wrinkle, crack, form streaks, halos, change color, or lift.

USE FOR SWIMMING POOLS

- ✓ Maintain the optimal characteristics of the pool water even when not in use.
- ✓ Water pH between 6.5 and 7.5
- ✓ Free active chlorine between 0.7 and 1.5 ppm
- ✓ Temperature between 18°C and 30°C

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- ✓ Avoid direct contact of concentrated chemical products (pH adjusters, disinfectants, etc.) with the coating.
- ✓ Chlorine-based chemical shock treatments could reduce the lifespan of the coating and compromise its aesthetics.
- ✓ Recommended application temperatures are between +10°C and +30°C for both the substrate and the surrounding environment.

LIMITATIONS OF USE

- ✓ The worst damage is often caused by a lack of professionalism: the limitations therefore lie in one's own knowledge.
- ✓ A feasibility study of the substrates, the environment, the products, and site safety must be the primary considerations for the applicator in every application.
- ✓ It is advisable to draw up a site report with the client, highlighting any pre-existing defects in the work or, for example, difficulties in reaching certain areas.
- ✓ The other limitations, the technical ones, are based on the humidity and temperature of the environment and the substrate, as already mentioned.
- ✓ Experience with this technology has not yet revealed any application limitations to be noted. Please note that these systems do not adhere to plastics and PVC sheets.

For proper drying, it is recommended to apply Thicknesses up to 40 µm per coat. Filling of swimming pools, basins, fountains, etc., must be done once the finish has fully hardened, at least 15 days after application of the last coat at +20°C and 65% RH; at lower temperatures, the open time must be extended.

MAIN CHARACTERISTICS

- ✓ Store in a dry, dry place, away from sunlight.
- ✓ Do not apply to dusty surfaces.
- ✓ Do not apply to wet surfaces.
- ✓ Do not apply to frozen surfaces.
- ✓ Do not apply to still-damp surfaces and repairs.
- ✓ Do not apply in strong sunlight (outdoor application).
- ✓ Do not apply in strong winds (outdoor application).
- ✓ Do not apply in rain (outdoor application).
- ✓ Make sure the temperature does not drop below +10°C before application.
- ✓ Do not apply where rising damp or infiltration moisture has been detected.
- ✓ Consult the local weather forecast (outdoor application).
- ✓ Protect windows, doors, etc. well before application.

WARNINGS

- ✓ Product for professional use; comply with national standards and regulations.
- ✓ Apply when the surface temperature is above +10°C.
- ✓ Apply to permanently dry surfaces.
- ✓ Protect from direct sunlight and drafts for the first 6 hours.
- ✓ Do not apply to dirty or damaged surfaces. Inconsistent
- ✓ Dispose of in accordance with applicable regulations.
- ✓ Materials exposed to temperature changes (due to transportation, storage, construction site, etc.) may cause substantial changes to the product (e.g., crystallization, partial hardening, fluidification, accelerated or delayed catalysis).

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- ✓ In most cases, restoring the products to optimal conditions will restore their original characteristics.
- ✓ Protect surfaces and objects in the installation area from accidental contact.
- ✓ If necessary, request the safety data sheet or contact Nikkolor Italia Technical Customer Service at +39 333 861 8963.
- ✓ www.nikkolor.net

Data measured at +20°C, 65% RH, and no ventilation.

They may vary depending on specific construction site conditions: temperature, ventilation, and substrate absorbency.

This information may be supplemented and/or modified over time by Nikkolor Italia s.r.l.; for any such updates, please consult the website www.nikkolor.net.

Nikkolor Italia s.r.l. is therefore responsible for the validity, timeliness, and up-to-dateness of its information only if taken directly from its website.

The technical data sheet is prepared based on our best technical and application knowledge.

However, since we cannot directly influence site conditions and the execution of work, it represents general information that does not bind our company in any way.

Therefore, we recommend a preliminary test to verify the product's suitability for the intended use.





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