

VetroLiquido^{PRP}



TECHNICAL DATA VETROLIQUIDO PRP

Issued on 13/08/2022 - Rev. n. 1 of 05.09.2023

Product description:

VETROLIQUIDO PRP is a one-component transparent synthetic paint based on synthetic polymers and modified natural polymers, designed to protect the final decorative layer of Cemento 3D, MarmUra, ArchiMetal, Oxital Ruggine and Marblex Mirror. It forms an almost neutral film that protects for a long time the coating made inside swimming pools, tubs, fountains, furniture, doors, environments with strong condensation, floors and walls.

Characteristic fields of application:

VETROLIQUIDO PRP is the ideal solution for the prolonged protection of continuous internal and external surfaces, the technology used for the production of VETROLIQUIDO PRP gives it the following physical and chemical characteristics:

- ✓ Good resistance to acid and basic solutions;
- ✓ Withstands high temperatures;
- ✓ Resists temperature changes;
- ✓ Resists chlorine and marine environments;
- ✓ Resists the aggression of ultraviolet rays and ozone;
- ✓ Good resistance to atmospheric agents
- ✓ Good resistance to environments with strong condensation;
- ✓ Reduces the formation of mold and algae;
- ✓ Resists chlorinated, ozonated and salty water.
- ✓ Resistant to abrasion and corrosion, it protects against mural graffiti;
- ✓ It substantially reduces bacterial proliferation, improving hygiene;
- ✓ Makes the treated surfaces hydrophobic and oleophobic;
- ✓ Reduces the adhesion of dirt and pollutants, facilitating cleaning, dustproof;

Preparation of the substrates:

The treated substrates must be dry and cured before applying VETROLIQUIDO PRP.

Methods of application:

VETROLIQUIDO PRP is ready for use and does not require dilution, except for the use of airless.

1. **Internal and external floors and coverings treated in Cemento 3D and/or MarMura**, apply a first layer of PRP LIQUID GLASS using a short-haired roller and immediately afterwards smooth the product with a stainless steel and/or plastic trowel, so as to eliminate any bubbles, after 12 hours at 20°C proceed with the application of the second layer as previously done.

2. **Internal and external floors and walls treated with Oxital Ruggine**, apply a first layer of LIQUID GLASS PRP using a brush with soft synthetic bristles so as to make the application more even and without creases, after 12 hours at 20°C proceed with application of the second layer as in the previous one.
3. **Interior and exterior cladding treated with Archimetal**, apply a first coat of VETROLIQUIDO PRP using a brush with soft synthetic bristles so as to make the application more even and without creases, after 12 hours at 20°C proceed with application of the second coat as in fact previously.
4. **Internal and external coatings treated in Marblex Mirror**, dilute the product in percentage according to the type of nozzle used with a traditional synthetic thinner and apply a first coat of LIQUID GLASS PRP by spray and/or airless, after 12 hours at 20°C proceed with the drafting of the second layer as in the previous one.
5. **Furniture, doors, kitchen tops and furnishing accessories**, it is possible to use various tools for the application of LIQUID GLASS PRP based on the texture to be treated, apply a first layer of LIQUID GLASS PRP using the desired tool, after 12 hours 20°C proceed with the application of the second layer as in the previous step.
6. **Swimming pools, tanks, fountains**, it is possible to use various tools for the application of LIQUID GLASS PRP based on the texture to be treated, apply a first layer of LIQUID GLASS PRP using the desired tool, after 12 hours at 20°C proceed with the spreading of the second layer as previously done, 24 hours later at 20°C proceed with spreading the third layer as done for the second.

Technical data:

Color: transparent;

Dilution: ready to use, in some cases it can be diluted with a common synthetic diluent;

Coverage: ± 10 m²/lt per layer depending on the roughness, the absorption and the application tool used;

Slip: Method DIN 51097 Class A 12° ≤ α < 18° - Anti-slip (DIN 51130): R11;

Specific weight: 0,800 Kg/Lt ± 0,05 at 20°C;

Cleaning of tools: with synthetic thinner;

Packaging: 1 l - 2.5 l - (15 kg on request);

Storage: 12 months in the original well-closed packaging and in a cool and dry place;

VOC classification (D.L. March 27, 2006 n° 161): Product for professional use only;

Ground transport ADR/RID: the product travels in ADR;

Customs Code 3208 9099: Paints based on synthetic polymers or modified natural polymers, dispersed, or dissolved in a non-aqueous medium.

Cod. UFI: HXJ0-Q0P5-300V-WGDG

Important Notes:

Avoid application on surfaces excessively heated by the sun, on frozen supports, with the risk of frost or rain during drying. Apply with relative humidity below 85% and in any case at least 4 degrees above the dew point. It is possible to vary the dilution depending on the climatic conditions at the time of application, the application tool, and the desired thickness. The times to be able to overpaint are significantly influenced by the thickness applied, by the temperature and by the ventilation during drying; variations of these parameters could lengthen drying times. In case of insufficient respect of the drying times, the applied product could wrinkle, crack, form strips or rise.

Recommended temperatures for application between +5°C and +35°C of both the support and the surrounding environment.

For a correct drying it is recommended to apply thicknesses up to 40 µm per coat. The filling of swimming pools, basins, fountains, etc., must take place when the finish has completely hardened, after at least 15 days at +20°C from the application of the last layer; at lower temperatures, it is necessary to extend the commissioning time.

Nikkolor Italia s.r.l.

V.le Vittorio Veneto, 186 - 96014 Floridia (SR)

+39 0931 941789 - www.nikkolor.net



The data contained in these technical sheets refer to laboratory tests. The indicated indications and methods may be subject to changes over time according to possible improvements in production technologies. The application of the products takes place beyond our control as we cannot directly intervene on the conditions of the construction sites and on the execution of the works. All indications are of a general nature, they do not bind our company in any way and therefore the responsibility falls exclusively on the customer. A preventive test of the product is recommended in order to verify its suitability for the intended use. Our technical service is available to provide additional information.