



Product Information: Vetro Power Stoneware 1K Pro



Field Of Application:

This surface protection system has been specially developed for high-density ceramic/stoneware surfaces, granite and marble (polished and unpolished) (no acid protection) in industry and trade. Through the surface protection Vetro Power Liquid Glass Stoneware 1K, the surfaces receive hydrophobic, oleophobic and soil-repellent features. Grease and substances resulting from environmental pollution do not fully adhere to the surface and can therefore be easily removed from the protected surface.



Composition:

SiO₂, solved in ethanol, is highly flammable (please see the corresponding material safety data sheet)

Product Features:

- Hydro- and oleophobic
- Soil-repellent
- No change in look and feel
- Enormous abrasion resistance
- Resistant to high-pressure cleaners up to 60 bar (depending on substrate)
- Temperature resistance: up to 450°C (peak temperature) - Frost-resistant
- Physiologically harmless
- Ecologically sound
- Biocompatible
- Food-safe
- UV-stable

Application:

Vetro Power Liquid Glass Stoneware 1K is a ready-to-use solution that must not be diluted. A prerequisite for an optimal result is the pre-cleaning of the surface to be protected. The surface must be dry and absolutely free of soil, grease, dust and residues of cleaning agents. The recommended application technique is wiping; if a glossy appearance shall be achieved, it is recommended to use a polishing machine for subsequent polishing.

For all surfaces, we recommend to process an examination for stability and functionality on an inconspicuous area.

Please note: Do not apply on salty surfaces!

The application cannot be processed at a temperature below +5 °C and above +40 °C and should not be processed during rain..

Storage Temperature:

-5 °C to +30 °C

Shelf Life:

The shelf life for an unopened (original) container is at least 2 years. Once opened, the product should be used within 6 months.

Hardening Time:

As soon as the solvent (carrier liquid ethanol) is evaporated, the protected stoneware surface can be stored, transported, entered and processed. The complete hardening is obtained at a 24-hour drying period at ambient temperature (20°C/rH65%), but the hardening process can be accelerated by additional warmth.

Consumption:

The consumption depends on the application technique. The consumption is 5 to 10 ml/m².

Cleaning And Care Instruction:

Through treatment with Vetro Power Liquid Glass Stoneware 1K, the surface has a smooth and stable surface that is resistant to conventional cleaning agents. Contamination can be solved with water. In case of stronger contamination, this can be solved with water and a mild cleaner with a pH of 5 to 7. The durability of the surface protection strongly depends on the kind and frequency of cleaning and care.

Note:

Due to the raw material used, different visual colour changes can happen. This can appear occasionally batch-related and does not constitute a reason for a complaint about the respective product. Changes in colour in comparison to the original colour scheme can be caused by different surface structures, gloss levels, applications and influences of light. The absorbency of the surface, drying behaviour and weather influences during the application can also lead to slight colour changes on the surface. This does not constitute a reason for a complaint.

Attention:

Only cleaning agents that are suitable for the surface is to be used.

Warning Advice: We recommend wearing suitable protective clothing. In case of contact with skin, immediately rinse off with water. Do not swallow. Avoid contact with eyes. In case of contact with the eye or mucosa, immediately rinse off with water. In the event of symptoms occurring, seek medical treatment. Keep out of reach of children!

General Advice: Do not inhale atomised spray and the liquid product. Zyax Chem LLP is not liable for damages to the product, as a result of dirt entering the bottles and canisters, e.g. after opening the containers. Zyax Chem LLP is also not liable for improper application of the product if the surfaces have been recoated for any reasons, without Zyax Chem LLP's prior written agreement, nor for any damage to or deterioration of the coating system arising from causes beyond the control of Zyax Chem LLP, including but not limited to impact, abrasion, mechanical damage, neglect, malicious damage, fire damage, pollution and abnormal weather conditions, neither for failure associated with exposure of the coatings to abrasive, chemical substances, abrasive scouring, hydrofluoric acid and highly alkaline chemicals such as bleach, potassium hydroxide and sodium hydroxide and/or if the coated surfaces have not been maintained in accordance with the supplier's recommended maintenance procedures. All information is based on today's state-of-the-art technology. As to the above-mentioned information, we do not lay a claim to completeness, these are only to be understood as possible examples for application areas. Due to a large number of surfaces and object conditions, the buyer/user is not relieved of the duty to professionally verify, in his responsibility, that our materials are suitable for the intended purpose according to the respective object conditions. In all other respects, our general conditions of sale apply. If the new product information is the validity of the old version expires.



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