



# Product Information: Vetro Power Glass & Ceramic Protect



## Field of application:

Vetro Power Glass & Ceramic Protect is a ready-to-use transparent spray solution that is optimised for glass and ceramic surfaces in industry and trade. Vetro Power Glass & Ceramic Protect is a water, oil and soil repellent surface protection system for all kinds of non-absorbent surfaces, e.g. windows, glass facades, porches, mirrors, lenses, bathrooms, glazed tiles, wash basins, toilets, winter gardens, shower screens, working countertops, etc.



## Composition:

Proprietary SiO<sub>2</sub> solution in IPA / Ethanol, flammable (please see the corresponding material safety data sheet).

## Product Features:

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

## Application:

Vetro Power Glass & Ceramic Protect is ready-to-use and must not be diluted. To achieve a long-lasting effect, the glass and ceramic surfaces have to be cleaned first with the alcohol-based Vetro Power Pre-cleaner, so that the surfaces are free of dust, grease and residues of cleaning agents. Vetro Power Glass & Ceramic Protect is applied onto the surfaces, using a soft microfibre cloth. For all surfaces, we recommend processing an examination for stability and functionality on an inconspicuous area.

## 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 IPA / Ethanol) is evaporated, the protected glass and ceramic surfaces 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 / heat.

## Consumption:

The consumption of Vetro Power Glass & Ceramic Protect depends on the application technique. The consumption is between 800 to 2,000 sq ft per litre.

## Cleaning and care instruction:

Through treatment with Vetro Power Glass & Ceramic Protect, 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. We recommend spraying the surface area affected by the graffiti with the alcohol-based Vetro Power Pre-cleaner. The Vetro Power Pre-cleaner solves the dried paint. Leave the Vetro Power Pre-cleaner on the affected surface for a couple of minutes until the graffiti residues are solved. If necessary, this procedure should be repeated several times. The durability of the surface protection strongly depends on the kind and frequency of cleaning and care.

## Important Notice:

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 are to be used.

## Containers:

Container sizes on demand.

**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. It 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 issued the validity of the old version expires.



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