

VETRO POWER NON-ABSORBENT SURFACE PROTECTION

Hydrophobic and Oleophobic Nano Coating for Polished Stone and Non-Absorbent Surfaces

Vetro Power Non-Absorbent Surface Protection is a ready-to-use surface protection system developed for industrial application on non-absorbent surfaces. It makes the surface hydrophobic, oleophobic and soil-repellent without changing its look and feel.

APPLICATION AREA:

Non-absorbent surfaces: polished marble and granite, porcelain and vitrified tiles, engineered and agglomerate stone and high-density ceramic, on floors, wall cladding, worktops, vanities and facades. Not for absorbent stone such as sandstone, limestone or unpolished marble.

MATERIALS:

Polished natural stone, engineered stone, porcelain, vitrified and high-density ceramic tiles and other smooth, non-absorbent mineral surfaces.

PHYSICAL CHARACTERISTICS:

Property	Value
Form	Liquid, ready-to-use, solvent-based
Density	0.8 g/cm ³
Viscosity	approx. 1.2 mPas
Flash point	< 15 °C
Boiling point	approx. 80 °C
Shelf life	At least 2 years unopened; use within 6 months of opening
Pack sizes	1 L, 5 L, 25 L, 200 L, 1,000 L

CONSUMPTION:

In case of industrial application, the consumption is between 2 and 5 ml/m² depending on the surface and the method, about 2,150 to 5,380 sq ft per litre.

FEATURES:

- Hydrophobic
- Oleophobic
- Soil-repellent
- No change in look and feel
- UV-stable
- PFOA-free and PFAS-free (silicon dioxide sol-gel chemistry)

APPLICATION METHOD:

Spraying (recommended): Apply with a spray device (HVLP nozzles). Industrial spray devices are suitable for the application of the product.

Manual spraying: In case of larger surfaces, it should be approached square metre per square metre. Avoid ponding on the substrate.

Other methods: Besides immersion, the product can also be applied using a soft paint brush, or a lint-free microfibre cloth to wipe the product onto the surface.

To achieve a long-lasting effect, the surfaces have to be free of dust, grease and residues of cleaning agents.

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

CLEANING AND CARE:

Clean with water and a mild, neutral cleaner (pH 5 to 7). Avoid abrasive scouring, hydrofluoric acid and highly alkaline chemicals such as bleach and caustic soda. The durability of the surface protection depends on the kind and the frequency of cleaning and care. Reapply when water no longer beads on the surface.

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 complaint of the respective product.

Flammable liquid (flash point below 15 °C). Keep away from heat, sparks and open flames and use in a ventilated area. Do not apply on wet or damp substrates.

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 Pvt. Ltd. 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 Pvt. Ltd. is also not liable for improper application of the product if the surfaces have been recoated for any reasons, without Zyax Chem Pvt. Ltd.'s prior written agreement, nor for any damage to or deterioration of the coating system arising from causes beyond the control of Zyax Chem Pvt. Ltd., 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 own 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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