



Product Information:

Vetro Power Nano-Dynamis Anti-Fouling Coating

Vetro Power Nano-Dynamis Anti-Fouling Coating is a transparent, ready-to-use protective coating based on advanced polysilazane technology that forms a permanent, chemically bonded barrier layer on smooth, non-absorbent surfaces, providing long-lasting protection against fouling, graffiti, corrosion, weather, UV, and chemical exposure.

Fields of Application

Metal surfaces (aluminium, stainless steel, copper, alloys), painted surfaces (polyurethane, epoxy), GRP surfaces, polyester coatings, marble and granite (polished), and other smooth, non-absorbent substrates.



Application

The substrate must be clean, grease-free, and completely dry before application. Moisture must be avoided as premature reaction may occur.

Apply using microfiber applicators, rollers, or spray systems (HVLP recommended).

Ensure application under controlled conditions (temperature +5°C to +30°C and humidity 30–80%). Avoid direct sunlight and wet conditions.

The product should be applied by trained personnel only.

The coating reacts with atmospheric moisture to cure.

Important Notice

Due to variations in substrate and environmental conditions, results may vary. It is strongly recommended to perform a test application before full-scale use to ensure compatibility and performance.

Storage Conditions

Store in a dry, well-ventilated place away from heat, sparks, and open flames. Keep container tightly closed and protected from light. Do not store above 25°C.

Safety

- Highly flammable liquid and vapour.
- Harmful if swallowed.
- Causes severe skin burns and eye damage.
- May cause allergic skin reaction.
- May cause drowsiness or dizziness.
- Harmful to aquatic life with long-lasting effects.
- Use only in well-ventilated areas.
- Wear appropriate PPE (gloves, goggles, protective clothing).

Precautions

- Keep away from heat, sparks, and ignition sources.
- Do not smoke during application.
- Avoid inhalation of vapours.
- Avoid contact with skin and eyes.
- Prevent environmental release.
- Avoid contact with water or moisture during storage and application.

Product Characteristics

- Permanent anti-fouling and anti-graffiti protection
- Chemically bonded coating layer
- Easy-to-clean surface

- Excellent corrosion resistance
- High UV and chemical resistance
- Heat resistance up to 300°C
- Fluorine-free formulation

Performance

Dry-to-touch: approx. 1 hour

Water resistance: 8–12 hours (room temperature)

Full curing: 5–7 days

Physical Characteristics

Appearance	Clear to pale yellow liquid
Density	0.92 g/cm ³
Flash Point	< 21°C
Boiling Point	approx. 125°C

Disclaimer

General Advice: Do not inhale atomised spray and the liquid product. Zyx Chem Pvt. Ltd. is not liable for damages resulting from improper application, contamination, or external environmental factors such as abrasion, chemicals, or environmental exposure.

All information provided is based on current technical knowledge and serves as guidance only. Users must verify suitability based on specific application conditions.

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. Zyx 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. Zyx Chem Pvt. Ltd. is also not liable for improper application of the product if the surfaces have been recoated for any reasons, without Zyx 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 Zyx 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.



VETRO POWER INDIA

Zyx Chem Pvt.Ltd.,

Third Floor, Kamer Building, 38, Cawasji Patel Street, Fort, Mumbai, Maharashtra 400001

+91-887-900-9911

customercare@vetropower.com

www.vetropoweramc.com