



VETRO
POWER

Technical Data Sheet (TDS)

VP Bacto Protect for Textiles

Vetro Power Bacto Protect for Textiles is a ready-to-use antimicrobial nano-coating

APPLICATION AREA:

Food industry (processing & manufacturing), healthcare (clinics, hospitals, rehabilitation centres), transport (buses, trains, trucks), public facilities, and textile-based environments.

MATERIALS:

Cotton, polyester, polyamide, blended fabrics, technical textiles, upholstery fabrics, and other textile substrates.

PHYSICAL CHARACTERISTICS:

Appearance	Colourless to light yellow liquid
Odour	Odourless
Density	approx. 1 g/ml
pH	approx. 4.5 - 5.5
Solubility	Miscible in water

FEATURES:

- Antimicrobial and antibacterial protection
- Reduces odour caused by microorganisms
- Hydrophobic and oleophobic
- Soil-repellent
- Maintains air and steam permeability
- No change in look and feel
- Suitable for textile applications under normal conditions
- UV-stable

APPLICATION METHOD:

Vetro Power Bacto Protect for Textiles is supplied ready-to-use.

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.

The textile surface must be clean and free from dust, grease, and residues of cleaning agents.

Apply using spray application and distribute evenly across the surface.

In optimal conditions, apply 5 gm/m² up to 3 times (wet-on-wet application).

In case of ponding, spread excess liquid with a clean cloth.

For all surfaces, test on an inconspicuous area before application.

CONSUMPTION:

Approx. 20 to 50 ml/m² depending on fabric absorbency.

NOTE

Textiles must be cleaned before application. Residues of cleaning agents must be removed to ensure performance.

Durability depends on usage, washing, and maintenance conditions.

Avoid release into the environment.

Test application is recommended before full-scale use.

VETRO POWER INDIA

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SHELF LIFE

Unopened: up to 2 years

After opening: use within 6 months

CONTAINERS / PACKAGE SIZE

Available in standard packaging sizes as per requirement.

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