



Product Information: Vetro Power Bacto Protect for Textiles



Field Of Application:

Vetro Power Bacto Protect for Textiles can be applied to all textile surfaces in:

Food sector

- Food-processing companies
- Food manufacturing companies

Healthcare

- Clinics
- Medical practices
- Rehabilitation centres
- Retirement homes

Transport

- Buses
- Trains
- Trucks
- Public buildings



Facilities

Such as theatres, schools, railway stations, etc.

Vetro Power Bacto Protect for Textiles can be applied in critical and sensitive areas, where an efficient and long-lasting hygienic effect is required. Bacto Protect is also applicable in areas, where unpleasant odours caused by microorganisms emerge. Permanent refinement on textiles, providing an antimicrobial effect against bacteria, e.g. gram positive bacteria such as staphylococcus aureus, MRSA etc.; gram negative bacteria, e.g. pseudomonas aeruginosa, E Coli; as well as mould, e.g. Aspergillus niger, etc. and yeast.

Composition:

SiO₂ solved in water (please see the corresponding material safety data sheet), 100 g solution contains 0.02499 g Triclosan.

Product features:

- Hydro- and oleophobic
- Soil-repellent
- Antimicrobial
- No change in look and feel
- Breathable
- Air- and steam-permeable
- Food-safe
- Skin- and mucosa-friendly
- Physiologically harmless
- Biocompatible
- Temperature resistance: up to 450°C (peak temperature)
- UV-stable

Application:

Vetro Power Bacto Protect for Textiles is a ready-to-use solution which must not be diluted. To achieve a long-lasting antimicrobial effect, the textiles must be cleaned first. All residues of cleaning agents must be removed using clear water. Vetro Power Bacto Protect for Textiles should be applied at a distance of 15 cm onto the textiles. An optimal protection is achieved by spraying 2-3 times wet-on-wet on the textile surface. In case of ponding, please spread the excess liquid with a clean cloth. For all surfaces, we recommend to process an examination for stability and functionality on an inconspicuous area.

Storage temperature:

+4 °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 water) is evaporated, the protected textile can be stored, transported, entered and processed. A complete hardening is obtained after a 24-hour drying period at ambient temperature (20 °C/ rH65%), but the hardening process can be accelerated by additional warmth.

Consumption:

The consumption of Vetro Power Bacto Protect for Textiles is dependent on the absorbency of the surface and is 20 to 50 ml/m².

Care instruction:

Treat stains immediately. Absorb stain with an absorbing cloth. Attention: Do never rub! Stain removal should be conducted inwardly in order to avoid the spreading of the stain. In the case of dried-up contaminations, remove the coarse parts (e.g. brush off) and then absorb the stain with a damp cloth or sponge (see above). Repeat the process until the stain is removed. In case of persistent contamination, we recommend to use a mild surfactant cleaner and to remove the stain as described above. Residues of the surfactant are to be removed from the textile using clear water. Kindly observe the care instructions of the textile manufacturer. The durability of the surface protection strongly depends on the kind and the 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 complaint of 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 complaint.

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. 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 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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