



## **Silvado Trevira Bioactive: New co-op brand for antimicrobial functional textiles**

The range of functional textiles in Trevira Bioactive is being extended by products marketed under a new co-op brand. This is Silvado, a brand of xpertex Cetin & Yildizoglu GbR, which is now offering Trevira Bioactive articles made from antimicrobial fibres by Trevira. These are aimed at the hospital, wellness and sports sectors and, alongside workwear, include house textiles such as hand towels.

Silvado is giving precedence in product marketing to corporate wear, offering in the process the complete service from yarn to finished textile. This enables the company to adapt flexibly to individual customer requirements, combining short delivery times with continuous quality control.

“The supplementary brand Trevira Bioactive demonstrates clearly to the customer that we select only the best antimicrobial product on the market”, says Bukan Cetin, CEO of Silvado. “Trevira fibres and yarns are also extremely versatile, enabling us to cover the full range of articles. What we have in common is the commitment to product quality, a responsibility towards the environment and a fair relationship with our partners, suppliers and customers.”



Unlike textiles that receive additional treatment with antimicrobial substances, the silver-based agent in Trevira Bioactive is firmly integrated into the fibre material and is consequently permanent. Its action is not affected by either washing or usage.

In laundering textiles given a surface finish with silver, it is possible that large amounts of the substance may end up via the washing water in the effluent. With Trevira Bioactive, however, washing trials have revealed no silver ions in the washing water, i.e. the quantities released fall below verifiable limits (3 ppb). In this way it has been possible to achieve an optimal compromise between a wide range of effect, adequate antimicrobial effectiveness on the fibre surface, high resistance to wash and the minimum possible impact on the environment.

The Hohenstein Institute confirms, in addition, that textiles in Trevira Bioactive have no effect on the skin flora, even after lengthy wear. The ecological benefits of all Trevira fibres apply to Trevira Bioactive when it comes to easy care properties – in washing, dry cleaning and drying there is less consumption of water, detergent and energy than is the case with textiles from natural fibres.

Already the materials are in use in workwear (shirts, polo and T-shirts) by Silvado customers in the food industry, fire service and the logistic sector, and a sock collection in Trevira Bioactive is at the test stage.

[www.silvado.de](http://www.silvado.de)

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