



New cards in the game

Trans-Textil GmbH to launch innovative finishes, coatings and membrane systems at the Techtextil Frankfurt

At the Techtextil Frankfurt show, Trans-Textil GmbH of Freilassing, Germany, will be underscoring its strong position in the development and production of multifunctional high-performance fabrics by unveiling numerous additions to its product range. These include Topaz Airtouch, a special coating resulting in a highly breathable laminate that can be worn directly against the skin, and Topaz Bi-micro, an innovative new membrane system that incorporates two microporous components.

Trans-Textil has been concentrating a lot of energy on the development of finishes with new performance features. One of the results of these efforts is Topaz Dual Guard, which protects apparel in a double way – not only does the novel finish lastingly repel water, oil and dirt, it also offers improved wash removal of oil and graphite stains, thus helping EN 471 protective clothing to retain its high visibility for a longer period. Topaz Dual Guard also offers all the conventional product features required for



personal protective equipment and along with enhanced longevity, ensures economic efficiency with regard to industrial washing and finishing procedures.

A further addition to the range of new finishes consists of Topaz Clean4Green, an eco-friendly product that provides optimum water repellence for leisure apparel and light protective clothing. Topaz Clean4Green does not involve silicone or halogen and has an aqueous base, making this finish for rough weather protection an environmentally compatible alternative in terms of production, further processing and use.

Topaz Airtouch coating:

For wear comfort on the skin

Topaz Airtouch will prove to be a real lightweight in clothing use. Applied in fine droplets to the membrane involved, the new coating protects the membrane from wear and tear and results in a laminate that can be worn directly against the skin, doing away for the need for a lining. As an additional advantage, Topaz Airtouch coatings are made on an eco-friendly aqueous basis, and can also be modified or upgraded for specific applications.



Topaz Bi-micro: Innovative membrane

Known for many years as a lamination technology innovator, Trans-Textil is placing a further new development on the market in the form of the Topaz Bi-micro membrane. This unprecedented product combines the characteristics of a microporous ePTFE membrane with those of an equally microporous protective polymer layer for high water vapour transmission and variable air porosity at high water impermeability. Topaz Bi-micro can be optionally upgraded with Cocona® natural technology™ utilizing activated carbon derived from coconut husks.

Flexibility plus perfect interplay of components

Describing Trans-Textil's philosophy, managing director Wilhelm Krings states, "It is our goal to achieve an optimal interplay of fabrics, membranes and processing technology". The new products that Trans-Textil will be unveiling at the Techtexil reflect this approach while enhancing the company's flexibility in producing new and improved functional fabrics of the highest technological standard.



About Trans-Textil

Trans-Textil GmbH of Freilassing, Germany, is one of Europe's leading companies in the fields of functional textile lamination, coating, printing and special finishing. Its Topaz-brand membrane laminates find use in weathergear, occupational safety apparel, fashion, sports and leisurewear and in medical and technical applications. They fulfil the highest requirements in terms of protection, safety, durability and comfort.

The company is certified to EN ISO 9001 and EN ISO 14001. Its products fulfil the requirements of the Oeko-Tex Standard 100 as well as the specifications of European standards for high-visibility evening clothing, ensembles and garments for protection against foul weather and cold, protective clothing with antistatic properties, surgical gowns and drapes, safety shoes and industrial washing and finishing procedures for the testing of workwear.



Pictures

Airtouch.jpg: Lightweight solution: Topaz Airtouch coating can be worn directly against the skin, doing away for the need for a lining.

Dualguard.jpg: Topaz Dual Guard protects apparel in a double way – not only does the novel finish lastingly repel water, oil and dirt, it also offers improved wash removal of oil and graphite stains.

Clean4green.jpg: Topaz Clean4Green offers perfect water repellence for leisure apparel and light protective clothing on an eco-friendly aqueous base.