

## **PRESS RELEASE**

### **Successful joint beginning of trade show with Sympatex and Ploucquet at this year's Techtexsil 2015**

Innovative product solutions are particularly well received at the press conference; multifunctional jacket is extremely popular with international media representatives

Frankfurt am Main / Munich, 6<sup>th</sup> May 2015. "joint textile solutions" – this is the slogan for the first joint presentation of Sympatex and Ploucquet at the trade show Techtexsil 2015, which is currently taking place in Frankfurt (4<sup>th</sup> – 7<sup>th</sup> May). The affiliates have combined their expertise to introduce their wide-ranging product portfolio in the area "technical textiles and applications". The reactions of international trade visitors and media representatives regarding the innovative product solutions have been entirely very positive. Obviously, Techtexsil is the ideal meeting point to present the know-how combination of both companies in the areas "membranes, laminates and finishings" to a broad public of experts.

Several currently developed products will be shown at the trade show. One of the highlights is clearly the multifunctional jacket of Ploucquet with an innovative heating, communication and lighting system. It is the result of the successful technology combination of both companies and proves that synergies can create intelligent concepts and solutions. The jacket has already been presented during the official business press conference at Messe Frankfurt as an example for a successful technology transfer.

During the Sympatex/Ploucquet press conference on the second day of the trade show, the multifunctional jacket has also been the centre of attention, along with the new breathable inner glove by Sympatex®. This inner glove is made of the compact semipermeable "guaranteed green" Sympatex® membrane and was launched for the first time in the "Medical and Industry" sector. The breathable glove can be worn under occlusive and impermeable protective gloves that are used in professional practice. A scientific study in

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cooperation with iDerm (Institute for Interdisciplinary Dermatological Prevention and Rehabilitation at the University of Osnabrück) and the BGW (German Social Accident Insurance Institution for the Health and Welfare Services) was presented in detail during the press conference for the first time, proving the effectiveness of this product: Hands remain dry even when the gloves are worn over a longer period of time. A moisture diffusion prevents the skin from swelling due to occlusion, and skin irritations are strongly reduced. In comparison with other material combinations, certain “healing properties” of the glove have also been proven in regard to skin irritations that were induced in a standardized way.

The textile think tank of the Sympatex business area “Tection” has come up with several other innovative products: Sympatex offers “Art Protection & Restoration Products”, a specific laminate range to meet the growing demand for the gentle treatment of art objects and furniture. During the restoration of paintings, for instance, it is often impossible to work directly with wet substances, due to the condition of an object. In order to clean paintings in a gentle way, the Sympatex membrane can be used. The 100% waterproof and yet water-vapour permeable Sympatex membrane makes it possible to apply solvent-based liquids in a gaseous state to the object surface, so there is no direct contact with liquids. The “Sandwich Method”, which is used for this procedure, means that the object is wrapped in several layers, like a sandwich. Then it is moistened in a controlled manner with solvent-based liquids (acetone, isopropanol, ethanol amongst others) or with gels on one or both sides. That way, laminations as well as water stains can be removed and paper can be straightened in a gentle way.

Sympatex offers two products, the Caravan Roof Lining Laminates, which can be used for the inner lining of folding caravan roofs (VW T5, for instance). A two-layer and a three-layer velours laminate is assembled to create an interior tent. This material combination offers the ideal thermal insulation in all weathers. The windproof membrane keeps away wind and draught, and in cold weather, an auxiliary heating system warms the air, which cannot escape, to create comfortable temperatures inside. At the height of summer, it is much cooler underneath the roof, because the double layer of bellows and inner lining creates an

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insulation against heat and direct sunlight. The black membrane offers shade and prevents high temperatures in the bunk due to insolation.

Detailed information about all product solutions can be offered at the booth 6.1/C25.

**About Sympatex:**

**Guaranteed Green – The Sympatex recyclable membrane**

As one of the worldwide leading producers, Sympatex® Technologies has been a pioneer for high-tech functional materials in clothing, footwear, accessories and technical fields of application since 1986. Together with selected partners, Sympatex develops, produces and distributes membranes, laminates and functional textiles as well as finished products worldwide. The Sympatex membrane is optimally breathable, 100% wind- and waterproof and regulates the climate. It is 100% recyclable, bluesign® approved, received the „Oeko-Tex-Standard 100“ certificate, is PTFE-free and PFC-free. The technologies and procedures are based on the principles of ecological responsibility and sustainability with a special focus on the optimal carbon footprint. Sympatex Technologies is a subsidiary of Sympatex Holding GmbH with sales offices and branches worldwide. [www.sympatex.com](http://www.sympatex.com)

**About Ploucquet:**

**State-of-the-art textile finishing „Made in Germany“**

Ploucquet GmbH has been a competent treatment partner for textile solutions since 1806. As one of the leading European suppliers, Ploucquet develops, produces and distributes innovative and ecological textiles worldwide in the areas of apparel and technical applications.

The “Tection” contract processing division provides a high-end service focused on innovation, technological advancement and quality made in Germany. Ploucquet's technologically advanced finishing processes ensure consistent quality, performance and safety for a diverse range of products in a variety of industries and markets. Ploucquet successfully serves the smart textiles, home textiles, medical, automotive, aerospace, transport and canalization sectors with an array of product components. Ploucquet GmbH is a unit of Sympatex Holding GmbH. [www.ploucquet.com](http://www.ploucquet.com)

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