



PRESS RELEASE

OutDoor 2013: Sympatex presents Moisture-tech® 360°

High-performance shoe technology for a perfect shoe microclimate

Unterföhring / Munich, June 25th 2013. Optimal moisture removal, less perspiration water and excellent heat insulation . Sympatex Technologies presents Moisture-tech® 360_ for the first time at the OutDoor Trade Fair 2013 (11th - 14th July) in Friedrichshafen: An innovative insole can be combined with the Moisture-tech® lining laminates to offer a perfect all-round solution for comfortable dry feet in any weather. Outstanding Empa* test values have confirmed the high performance of Moisture-tech® 360°.

The new technology works as follows: In addition to the accelerated removal of moisture from the upper by the Moisture-tech® lining laminate, the insole produces a 360° effect. The sole removes moisture from the foot or the sock and stores it in an interlining for a short time. The natural rolling movement of the foot creates a ventilation or pumping effect in the channel structure of the insole, which evenly transports the moisture in the form of water vapour to the upper that is equipped with Moisture-tech® lining laminates. Therefore, moisture can be transported extensively through the whole upper to the outside, while using a normal insole means that moisture is not transported away from the foot, thus creating a moisture accumulation in the comfort-relevant area (sock).

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Best performance values after shoe comfort test

Empa* . the Swiss Federal Laboratories for Materials Science and Technology . has confirmed the improved moisture removal by using Moisture-tech® 360_ after a shoe comfort test with the Empa* foot model. For the measurement of perspiration water, protective working boots were tested in static and moving conditions, because they have to meet very high performance requirements. The results: The evaporated amount of water in the boot with the Moisture-tech® 360_insole was 42% higher than in the case of the Moisture-tech laminate with a normal insole. The perspiration water in the sock was reduced by another 31% using Moisture-tech® 360_ in comparison with the Moisture-tech® laminate and a standard insole.

Conclusion: In July 2012, a shoe comfort test** by Empa had already confirmed the superiority of Moisture-tech by Sympatex® in comparison with other technologies by leading competitors. The latest Empa result* has now shown another significant performance improvement of the newly developed Moisture-tech® 360_ technology.

Latest test results: *Empa Swiss Federal Laboratories for Materials Science and Technology; Empa test report no. 5214000965
Test result July 2012: ** Empa: Swiss Federal Laboratories for Materials Science and Technology; Empa test report no. 460.650/09.05.12

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 highly breathable, 100% wind- and waterproof and regulates the climate. It is 100% recyclable, bluesign® approved, received the sÖko-Text-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.

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