

The Security That Breathes

Success stories have been written looking to others. This is the case of "Security Line" (Arnedo, Spain) when they developed the PERSPIRATION SYSTEM for their security boots TAO SAFETY. Small changes develop into great processes.

The PERSPIRATION SYSTEM has come to revolutionise the professional footwear market with an effective solution for foot hygiene problems caused by perspiration conditions. This started from a RUIZ ALEJOS Group I+D study. After the exploration of several solutions and the consequent tests of them, we opted for a system that brings all the advantages we sought.

Perspiration system protects workers health

The final product (PERSPIRATION SYSTEM) allows high transpiration, which results in improved workers health. The humidity absorption is 40% higher than conventional footwear, allowing the foot the best thermal comfort for reducing the transpiration by more than 25%. An ideal microclimate is maintained to keep the feet at an appropriate temperature. This is achieved by the use of the perspiration membrane, waterproof and wind-cuts "Sympatex" which is, applied to the innersole, it prevents the entrance of water and at the same time provides a high level of perspiration.

Besides the I+D department of the company, the studies were developed in the IBV of Valencia and the University of La Rioja. The product was underlined with the collaboration of clients like Volkswagen.

PERSPIRATION SYSTEM is a patented system that goes beyond the water- heater regulation of the foot. The material used is totally innocuous from the dermatologic point of view. It is based on the "Sympatex" membrane whose production is exempt of

solvent and halogens, and whose components are especially careful with the user's skin and the environment, guaranteeing the best comfort and an optimum tolerance. The membrane TAO SAFETY uses has the Oeko-Tex Standard 100 certification that is, at the moment, the single membrane in the world that can certificates this.

The clients' opinion

Tao's clients, see the PERSPIRATION SYSTEM as a means so that the workers can exercise their tasks, not only with the security that offer the LINE OF SECURITY certifications, but also, with the best comfort. With this system they are discovering a possibility to increase the productivity.

The new market tendencies

TAO SAFETY, with their PERSPIRATION SYSTEM, follows the tendency that demands the market using more technical, comfortable and resistant materials and the ones that offer better benefits. In the development of the security boots of TAO SAFETY they have kept in mind aspects like the sole, the leather and the cover of the footwear, as well as the necessity, or not, of additional reinforcements as the insole or the steel toecap (or aluminium), the rings of quick detachment, the metatarsian reinforcement, the toecap of plastic and the rings of the same material, the polyurethane reinforcements above the leather, etc.

Now a days the consumers are interested in the solutions that are offered and they investigate to see the possibilities of satisfaction of their protection necessities. The PERSPIRATION SYSTEM of TAO SAFETY has been able to solve the clients' necessities: It conjugates security, comfort and productivity. ■

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