



## **TeoSport showcases its latest innovations at Performance Days**

*D3O-integrated chamois and Floating technology take center stage at the fair dedicated to technical materials*

TeoSport announces its participation in the upcoming edition of **Performance Days, taking place in Munich from 17 to 19 March**. As one of the leading international events dedicated to technical materials and innovations in the performance textile sector, the show highlights the increasingly central role of advanced materials in the development of technical cycling apparel.

A key meeting point for brands, designers and product developers from around the world, the fair represents a strategic opportunity to present the latest developments in cycling chamois technology—where advanced materials, ergonomics, and performance come together to enhance the rider's experience.

On this occasion, TeoSport will showcase some of its most advanced solutions, including the **Omnia Mengoshi 5 D3O®**, **Armadillo Mengoshi 5 D3O®**, and **Armadillo Floating** chamois. These products integrate the proprietary Mengoshi and Armadillo technologies and represent different approaches to the company's research into comfort, anatomical support, and adaptability across various cycling disciplines.

### **Omnia Mengoshi 5 D3O®: the next evolution of Mengoshi technology**

Among the highlights presented at the show, the Omnia Mengoshi 5 D3O® represents the evolution of Mengoshi technology. The chamois features an advanced five-foam construction with differentiated densities, interconnected through proprietary technology to provide targeted support in high-pressure areas. Its single-level-thickness construction ensures consistent comfort both in high-intensity road sessions and off-road rides.

A key element of the design is the integration of **D3O® AeroMAX** foam, an advanced material that delivers adaptive support and impact absorption. The rear area features an interconnected structure with strategically positioned **D3O® AeroMAX** inserts to enhance ventilation, elasticity, and targeted support in the ischial zone.

The wider rear platform improves saddle stability, while the inverted V-shaped detail helps correctly center the chamois once the shorts are worn, ensuring a precise and stable fit throughout the ride. The ergonomic base naturally follows the rider's movements, while the innovative Mengoshi structure dynamically adapts to different disciplines, riding positions, and saddle inclinations, ensuring consistent comfort in all conditions.

### **Armadillo Mengoshi 5 D3O®: the fusion of two key chamois technologies**

The Armadillo Mengoshi 5 D3O® is designed for modern cycling, thanks to its innovative interlocking construction, which creates multi-level support zones and allows the chamois to adapt dynamically to body movements during pedaling.

The synergy between the Armadillo insert, **T-Mirror Technology**, and the **HT90 edge bending system** ensures optimal stability and comfort even in the most demanding conditions. The integration of **D3O® AeroMAX** foam, engineered for impact absorption and adaptive support, enhances overall stability, making this chamois ideal for long training sessions and high-intensity racing.

Tested by numerous professional athletes, the Armadillo Mengoshi 5 D3O® has quickly become one of the most appreciated solutions in modern cycling. Available in men's and women's-specific versions, the men's version features an ergonomic central channel designed to improve blood flow and relieve pressure in the prostate area, while the women's version adopts a full central foam structure for maximum support and superior comfort.

### **Armadillo Floating: the professionals' choice**

Armadillo Floating is the result of combining multiple TeoSport technologies, designed to deliver



comfort and breathability. The chamois is constructed with V-ESF vertically striped fabric, lightweight foam and a soft base.

The independent insert is attached using special stitching, eliminating the need for bonding between the base and foam. It incorporates the Armadillo concept and **Blade Sign technology** to reduce excess material and improve lightness and ergonomics.

This solution enhances ventilation and drying speed, creating a “floating” double-layer structure that moves in sync with the cyclist. The surface in contact with the skin remains flat thanks to **T-Mirror Technology**, while the side wings ensure precise anatomical support. The result is a lightweight, ergonomic, breathable, and highly innovative chamois.

*“Performance Days represents an important opportunity.”,says **TeoSport**. “Taking part in this event means entering into direct dialogue with brands and designers who are increasingly looking for advanced solutions to improve comfort and performance. Today, the evolution of cycling chamois is driven by high-performance materials, innovative construction architectures, and a design approach that is ever more focused on anatomy and the real needs of cyclists.”*

With over forty years of experience in the development of technical chamois, TeoSport continues to invest in research and development to create solutions that meet the evolving demands of modern cycling—where comfort, protection, and freedom of movement are key performance factors.