

Technology

IN-MOLD TECHNOLOGY

The fusion process between the Microshell and the helmet's EPS liner ensure performance in terms of impact resistance for a lighter and more ventilated helmet.

IN-MOLD FRAME

The Integrated Polyamide frame molded inside the EPS liner provides extra strength and integrity to the helmet without compromising the weight.

BUILT-IN FRONT CHIN STRAPS

The webbing straps are linked directly to the in-molded frame keeping the external surface of the helmet free of any anchor fixation, so clean design and more aerodynamic performance at the end.

CAM DIVIDERS

Easy adjustable chin strap dividers for maximum comfort and correct positioning of the helmet on your head during use.

CONEHEAD TECHNOLOGY™

THE MOST ADVANCED HELMET TECHNOLOGY IN THE WORLD



A revolutionary new way to mold EPS foam for helmets with two different densities and two different foams with their own characteristics of recovering from impact. The harder EPS is molded as a series of cones which act similar to the cone shaped-traffic barriers. Cone Head™ Technology is featuring on the new helmets VANISH and VANISH-R.

Conehead technology in action:

„In a crash, the impact force pushing towards the head causes the higher density outer layer to compress. At the same time, the head is travelling in the opposite direction, compressing the lower density inner layer and the tops of the cones of the higher density outer layer. Therefore the energy is spread sideways within the foam instead of towards the head. The increasing resistance of the collapsing cones allows the head to gradually slow down. The result is a lower g-force experience for your head.“ **Don Morgan, Inventor of Conehead™**

