

Guardio Safety is a Swedish developer of personal protection equipment, specially designed for construction and industry. Through science and innovation, we deliver products that make a difference.

THE WORLD'S FIRST SAFETY HELMET WITH

Mips



Based in science and with usercentric design.

Guardio ARMET has been developed in collaboration with engineers and scientists from two of Swedens most notable scientific institutions: the Royal Institute of Technology and Karolinska Institute. Beyond exceeding safety standards, it has been designed for superior comfort and features for the varied needs of a professional.

Light on your head, while highly impact resistant.

The choice of materials and their composition allows the ARMET to be well-balanced and light on the head, with the feel of a bicycle helmet, thanks to its inner shell. The inner, shock-absorbing composition is a EPS and EPP combination, with a low density and high recovery rate.

Durable outer shell that is made to last.

ARMETS exterior is composed of ABS, known for its high resistance to impacts, penetration and flames. Compared to the more common helmet shells made of Polypropylene, ABS is sturdier, does not scratch as easy and has a longer lifespan.

Product Specifications

Weight: 450 grams
Standard: EN397

Warranty: 3 year
Size: From 53 to 63 cm

Air vent: Stainless steel
Inner shell: EPP and EPS composition
Outer shell: ABS

Mips

10–15 mm
Relative movement
in all directions

Mips is a low-friction layer inside the helmet. It is intended to reduce the rotational force to the head that is transmitted to the brain at impacts. The system allows for free movement of 10–15 mm between the helmet and the head in all directions. The Mips Brain Protection System is a Swedish patented solution based on over 20 years of studies by neurologists, bio-engineers and researchers at the Karolinska Institute and the Royal Institute of Technology.



Patented Safety System

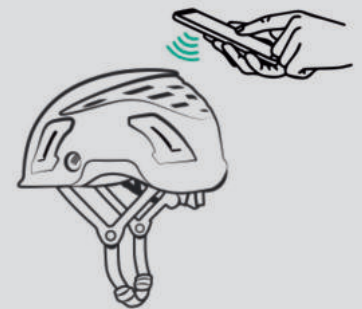


Low-friction Layer



Founded in Science

twICEme



twICEme is a digital NFC device integrated into the helmet. It enables storage and reading of emergency information. In the event of an accident, place an NFC-enabled smartphone on the twICEme icon for instant access to information about the injured person: allergies, insurance information, chronic illnesses, medications and emergency contacts. It also presents current coordinates, to aid in communications with emergency response. The users determine themselves what information to store. The device is not connected to the internet or the cloud and does not require GDPR consent.



Access anywhere



Safe and reliable storage



Does not need to be charged