



ALPINE ICE GTX BY MOUNTAINEERS, FOR MOUNTAINEERS.

Climbers who are determined to reach the very top have to be able to rely on their technical gear. For Alpine mountaineering boots in particular, there are a wide range of requirements, depending on the terrain and weather conditions. The ALPINE ICE GTX is a boot that was developed jointly by the LOWA PRO Team and active Alpinists. The completely crampon-compatible boot is designed for both icy and rocky passages, with GORE-TEX Duratherm lining and a cushioning element integrated into the shank.



1 Footwear equipped with the GORE-TEX DURATHERM membrane comes with a warm, waterproof and breathable lining.



2 Proven Vibram rubber sole from a high-quality provider from Italy.



3 The forefoot and upper area can be laced in varying degrees of tightness.



4 The midsole has been specially adapted to the anatomy of the foot.



5 Stretched rubber, a feature taken from the realm of climbing, improves heel fit.

COLOURS



Lime/black
230315 7299

WEIGHT

1750 g/Pair (UK 8)

SUITABLE FOR

Ice and mixed climbing

The ALPINE ICE GTX is ideal for ice and mixed climbing on ice formations or combined terrains consisting of rock and ice.

Via ferrata

The ALPINE ICE GTX is perfect for a via ferrata. It's a climbing route secured with iron ladders, iron pegs, rungs and cables built on natural or artificial rock.

High-altitude tours

High-altitude tours take adventurers to areas that remain ice-covered throughout the entire year. High-altitude tours require special preparation and equipment like the model ALPINE ICE GTX.

Approaches

The approach boot ALPINE ICE GTX is perfect for the hike to the starting point of the actual via ferrata or climbing tour.

Mountain hiking

The ALPINE ICE GTX is ideal for mountain hiking. This involves a tour in mountainous terrain.

Expeditions

The ALPINE ICE GTX is perfect for expeditions into remote or unexplored regions.

SOLE

VIBRAM ALP TRAC® ICE

The performance sole VIBRAM ALP TRAC® ICE has been optimised for use in high alpine terrain. Users enjoy solid grip that is created by the combination of the high tread depth of the studs and a proven rubber compound, including the "climbing zone" on the sole's tip.



MIDSOLE

ca. 80 % Polyurethane (PU)

Polyurethane (PU) is a soft plastic that has very good cushioning properties and is usually used in the midsole as a result. Through the use of PU, the soles become lightweight and functionally flexible.

ca. 20 % Thermoplastic polyurethane

Thermoplastic polyurethane (TPU) is like classic polyurethane in many ways. But it differs from it in one special aspect: the process used to produce it. As a result, TPU is more abrasion and slip resistant. It also has a very high degree of kink and tensile strength. Thanks to improved weather resistance, the qualities of a sole made from TPU are more constant even when temperatures fluctuate, an especially important aspect of our leisure-time winter models.

INSOLE

ca. 45 % Polyethylene

Polyethylene is a semi-crystalline and non-polar thermoplastic resin that is, by far, the most widely used plastic in the world. Polyethylene is used in part as a component of man-made fibre/blended fabrics. It is used primarily to create comfort and insulate the foot from below.

ca. 25 % Polyester

Polyester is synthetic plastic fibre made from crude oil. In chemical terms, it is a polymer that can be processed into many different materials. Thanks to its chemical flexibility, polyester is lightweight, dries quickly, does not shrink and has the highest levels of tear and abrasion resistance.

ca. 25 % EVA

The acronym "EVA" stands for "ethylene-vinyl acetate". It corresponds to an elastomeric polymer that is used to make plastic materials. The EVA material creates soft and flexible qualities. It is primarily used in the production of shoe and shoe midsoles to provide step cushioning. Various degrees of rigidity can be achieved on the basis of the thickness employed.

ca. 5 % Aluminium foil

Aluminium foil is the name used to describe a thin foil that is produced in a rolling process using the raw material of aluminium. Air-tight aluminium foil is primarily used in insoles as a layer of insulation that fights off cold from below and retains heat in the shoe.

FUNCTIONS



WATERPROOF ZIPPER

Waterproof zipper keeps out moisture.



CLIMBING ZONE

A specially constructed component in the area of the sole tip for precise performance during easy climbs.



CLOSE TO THE GROUND

The low height of the sole creates stable footing on uneven terrain.



CLOSE TO THE ROCK

The special design of the toe area enables wearers to climb with precision even on the edges of the smallest rocks.



SHOCK ABSORBER

A cushioning pad has been placed in the heel area to provide the very best comfort.



FIT RIBBON

Special lace construction with minimal weight and high durability.



LOWA FLEX®

Upper design with freely moving lace hooks and lacing systems.



VERY STIFF

The footwear exhibits very strong resistance to bending.

UPPER MATERIAL

ca. 80 %

Fabric

Our natural and synthetic fabrics facilitate optimal warming and moisture management with the help of their usage-specific characteristics. Thanks to their structural design, they are smooth and make our products extremely comfortable.

ca. 20 %

Rubber

Stretchy, water repellent and tough – these are the primary qualities of rubber, a material that is used to produce a wide range of products. As an elastomer, rubber offers good dimensional stability, but is elastically malleable when subjected to tensile and pressure stress.

CRAMPONS



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PPE REGULATION

Please note that if it is intended to use the purchased products as personal protective equipment in accordance with Art. 3 No. 1 of Regulation (EU) 2016/425 (PPE Regulation), the user is responsible for checking the products for the presence of a corresponding certification (see technical data of the product). If the product lacks a certification required for use as personal protective equipment as defined by the PPE Regulation, the product may not be used as personal protective equipment or only for non-professional purposes.
