UK.USA

OUTDOOR COLLECTION

expedition mountaineering trekking trekking adventure climbing clothes socks packs







Slip-lasted construction.

Quick and easy 3 piece velcro-elastic closure system.

Waterproof Premium Quality split leather used on collar and tongue.



Adjustable Achilles velcro-elastic strap prevents heel lift.

Padded Achilles protection for superior fit.



Highly abrasion resistant Cordura outer, laminated with Sympatex® membrane. Boreal Dry-Line® inner. Triple Thinsulate® layer surrounds entire bootie, including the sole, placed without the use of adhesives Thermo-sealed seams for absolute waterproofness.

Anatomic tongue with neoprene, with 3 mm. EVA and 10 mm. Polyester padding for superior flex and thermal insulation.



1.4 mm. Neoprene sole, smooth for ease of fitting. Moulded lugs under heel eliminate inner bootie-slip.



INNER BOOT



Waterproof and reinforced one piece Dynatec. One-piece, seamless interior liner of abrasion resistant Cordura, laminated with Sympatex®. Sandwiched between is a 6 mm. EVA layer for extra insulation and support, perforated for breathability.



use of adhesives between Cordura outer and Dry-Line® inner.

Multiple layers for increased Thermal Protection; Radoma, triple thickness Thinsulate® and twin layers of 2 mm. Neoprene, the first of which has moulded lugs that engage the inner bootie and eliminate slippage.

Boreal PBG-680 extra-rigid technical performance midsole, plus 10 mm. EVA for maximum insulation and shock adsorption.

Crampon compatible Boreal MOUNT FDS-3 sole featuring co-moulded triple density rubber for highly tuned grip and durability.

Full external rubber rand protects outer boot.



OUTER BOOT





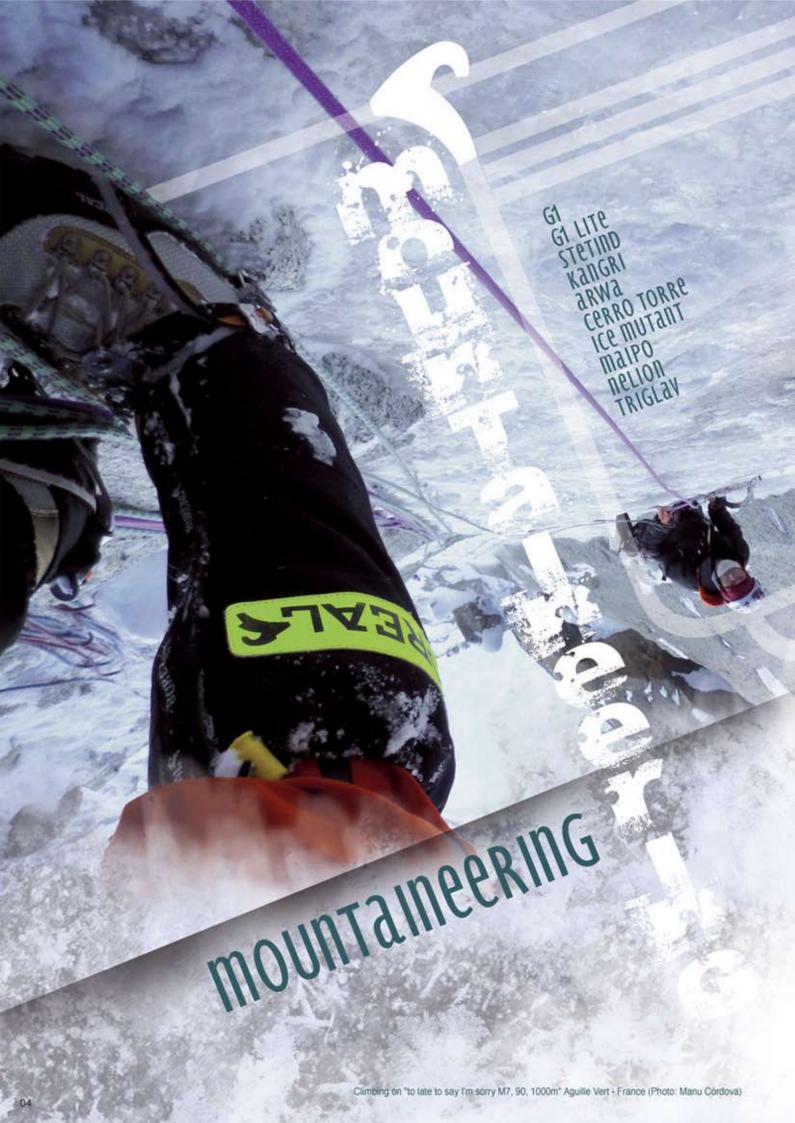
GAITER

Lower part of gaiter in extra abrasion resistant material with waterproof membrane. Upper portion of gaiter: abrasion resistant and highly breathable material with Sympatex®

Increased thermal insulation in the lower area based on triple layer Thinsulate $\mbox{\ensuremath{@}}$ and Polyethylene.

Instep area reinforced with double Cordura and extra Thinsulate® layers for increddible thermal protection.







FDS-3





47451 G1 LITE



5 1/2 - 13 U.K. in half-sizes



2180 gr. pair. Size 7 U.K.



Lightweight double boot consisting of an outer boot and a removable inner



Waterproof and reinforced one piece Dynatec, with Lorica, Carbonglass and Neoprene. Highly abrasion resistant Cordura liner with Sympatex® membrane and 6 mm EVA. 1.4 mm Neoprene insole for insulation, with anti-slip heel lugs for precise inner boot location.



Slip lasted removable bootie of Lorica and highly abrasion resistant Cordura exterior with Sympatex® membrane and interior of Boreal Dry-Line®. Thermo-sealed seams. Triple internal Thinsulate® layers (no adhesives used) surround the foot, guaranteeing maximum protection with no cold spots. 1.4 mm Neoprene insole for insulation, with anti-slip heel lugs for precise inner boot location. 4 piece Neoprene Velcro-elastic closure for thermal insulation. Special Velcro-elastic adjustment on heel.



Boreal PBG-680 with lateral reinforcements for superior torsion control. Specially isolated by three layers: Radoma, triple layer Thinsulate® and



Boreal Mount FDS-3 with triple density rubber. Plus 10 mm EVA-Pro midsole for shock absorption and thermal insulation. Technical Crampon compatible.



Intense to extremely cold conditions. High mountain and altitude climbing.





BOREAL Mount







47454 G1





5 ½ - 13 U.K. in half-sizes. 2615 gr. pair. Size 7 U.K.



Lightweight double boot consisting of an outer boot and a removable inner



Premium Quality waterproof and reinforced 2.8 mm Split leather. Lorica, Carbonglass and Neoprene. Highly abrasion resistant Cordura liner with Sympatex® membrane and 6 mm EVA. 1.4 mm Neoprene insole for insulation, with anti-slip heel lugs for precise inner boot location.



Slip lasted removable bootie of Lorica and highly abrasion resistant Cordura exterior with Sympatex® membrane and interior of Boreal Dry-Line®. Thermo-sealed seams. Triple internal Thinsulate® layers (no adhesives used) surround the foot, guaranteeing maximum protection with no cold spots. 1.4 mm Neoprene insole for insulation, with anti-slip heel lugs for precise inner boot location. 4 piece Neoprene Velcro-elastic closure for thermal insulation. Special Velcro-elastic adjustment on heel.



Boreal PBG-680 with lateral reinforcements for superior torsion control. Specially isolated by three layers: Radoma, triple layer Thinsulate® and Neoprene.



Boreal Mount FDS-3 with triple density rubber. Plus 10 mm EVA-Pro midsole for shock absorption and thermal insulation. Technical Crampon compatible.



Intense to extremely cold conditions. High mountain and altitude climbing. Long alpine ascents.







BOREAL Mount FDS-3

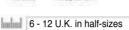


47370

Kangri



Kangri Lady

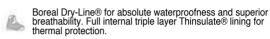


4 - 8 U.K. in half-sizes

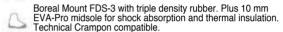








Boreal PBG-680 with lateral reinforcements for torsion control. Unique triple layer Thinsulate® thermal protection.



Very cold conditions. Himalayan and alpine climbing. Technical ice and mixed climbing.















47372 arwa

47373



arwa Lady



2015 gr. pair. Size 7 U.K.

4 - 8 U.K. in half-sizes 1720 gr. pair. Size 4 U.K.



Boreal Dry-Line® for absolute waterproofness and superior breathability. Full internal triple layer Thinsulate® lining for thermal protection.

Boreal PBG-680 with lateral reinforcements for torsion control. Unique triple layer Thinsulate® thermal protection.

Boreal Mount FDS-3 with triple density rubber. Plus 10 mm EVA-Pro midsole for shock absorption and thermal insulation. Technical Crampon compatible.

Very cold conditions. Himalayan and alpine climbing. Technical ice and mixed climbing.













CERRO TORRE



47275



4½ - 11½ U.K. in half-sizes.



1560 gr. pair. Size 7 U.K.



Premium quality waterproof 2 mm. Split leather with one piece high tenacity, abrasion resistance Teramida. Lorica and Neoprene. ALS (Ankle Lacing System) gives specific adjustment depending on use. HFS padded heel system for a perfect fit. Rubber rand for protection.



Boreal Dry-Line® for absolute waterproofness and superior breathability. Full internal triple layer Thinsulate® lining for thermal protection.



HOS

Boreal PBG-680 with lateral reinforcements for torsion control. Unique triple layer Thinsulate® thermal protection.



Ultra light Boreal TPS-3 with triple density rubber. Plus 10 mm EVA-Pro midsole for shock absorption and thermal insulation. Crampon compatible.



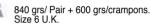
Rapid high mountain winter ascents. Long mountain traverses. Technical trekking. Dry-Tooling and Ice-Climbing competitions. Multi-usage.



BOREAL

ice mutant







Removable elastic Cordura over-gaiter with frontal waterproof zip closure. Synthetic sole for increased thermal insulation and shock absorption. Upper: one piece highly abrasive resistant Teramida, reinforced with waterproof leather. Integral padded tongue.



Boreal Dry-Line® for total waterproofness and superior breathability. Full internal triple layer Thinsulate® for thermal protection.



Boreal PFC with lateral reinforcement for superior control. Unique triple layer Thinsulate® thermal protection.



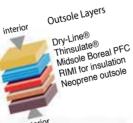
Synthetic material with special insertion for Raptor's "BLACK DIAMOND" competition crampons.



Specially designed for Ice-Climbing, Dry-Tooling and competitions.







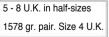








6 - 12 U.K. in half-sizes 1786 gr. pair. Size 7 U.K.





Premium quality waterproof 2,6 mm. Split leather, Lorica and Neoprene. HFS padded heel system for a perfect fit. Rubber rand for protection. Boreal Dry-Line $\mbox{\fontfamily{@color:proofness}}$ for absolute waterproofness and superior breathability.



Boreal PBG-650 with lateral reinforcements for torsion control.



47222-47223: Ultra light Boreal TPS-3 with triple density rubber. Plus 10 mm EVA-Pro midsole for shock absorption and thermal insulation. Crampon compatible.

47220-47221: Vibram Mulaz. Rubber sole with dual density, shock absorbing EVA and PU. TPU heel piece for semi-automatic Crampon compatible.



Rapid high mountain winter ascents. Long mountain traverses. Technical trekking. Superb light yet rugged 3-4 season mountain boot.











5 - 8 U.K. in half-sizes 1376 gr. pair. Size 4 U.K.



Premium quality waterproof 2,6 mm. Split leather with one piece high tenacity, abrasion resistance Teramida. Lorica and Neoprene. HFS padded heel system for a perfect fit. Rubber rand for protection.



Boreal Dry-Line $\mbox{\fontfamily{@c}}$ for absolute waterproofness and superior breathability.



Boreal PBG-650 with lateral reinforcements for torsion control.



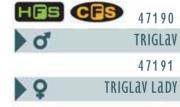
Ultra light Boreal TPS-3 with triple density rubber. Plus 10 mm EVA-Pro midsole for shock absorption and thermal insulation. Crampon compatible.



Rapid high mountain winter ascents. Long mountain traverses. Technical trekking. Superb light yet rugged 3-4 season mountain boot.









5 - 8 U.K. in half-sizes 1376 gr. pair. Size 4 U.K.



Premium quality waterproof 2.6 mm. Split leather with one piece high tenacity, abrasion resistance Teramida. Lorica and Neoprene. HFS padded heel system for a perfect fit. Rubber rand for protection.



Boreal Dry-Line $\mbox{\fontfamily{0.05ex}{\f$



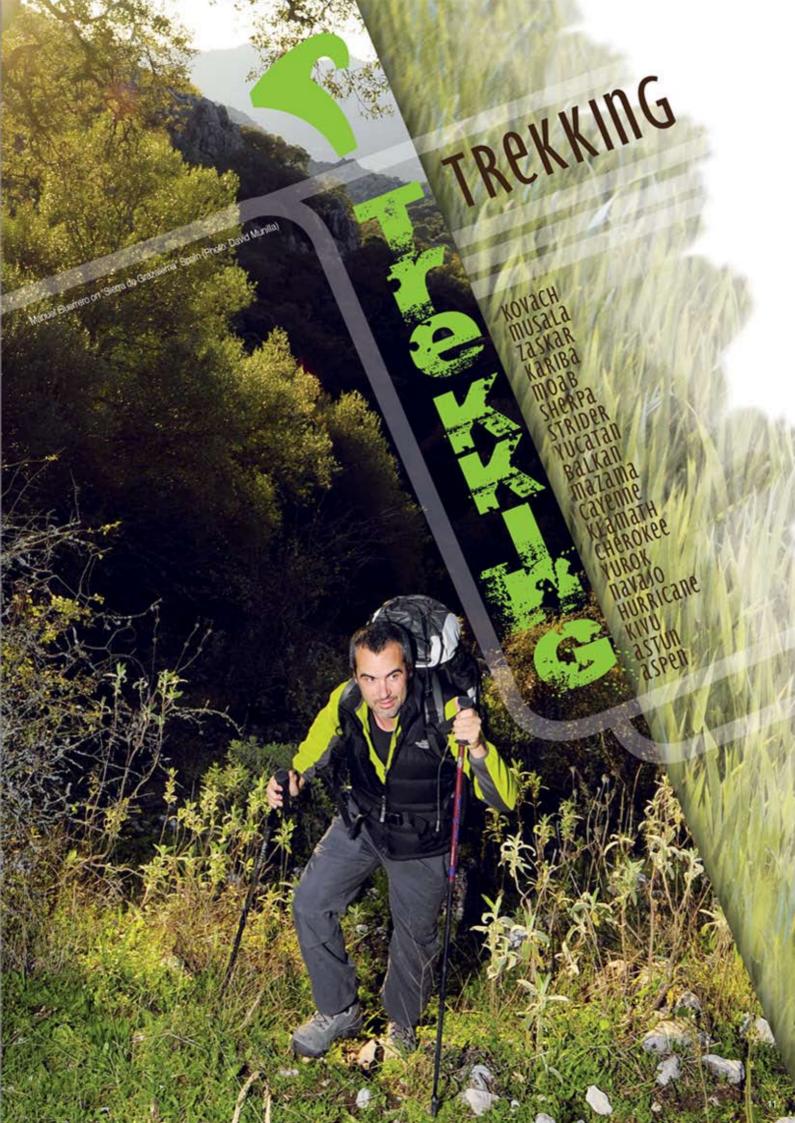
Boreal PBG-650 with lateral reinforcements for torsion control.



Vibram Mulaz. Rubber sole with dual density, shock absorbing EVA and PU. TPU heel piece for semi-automatic Crampon compatible.



Rapid high mountain winter ascents. Long mountain traverses. Technical trekking. Superb light yet rugged 3-4 season mountain boot.







47050 musala

6 - 12 U.K. in half-sizes. 1430 gr. pair. Size 7 U.K.



Premium quality waterproof 2.6 mm Nubuck leather. Fully padded for superior comfort with anatomic flex zone. Rubber rand for protection.



Boreal Dry-Line $\mbox{\fontfamily{@c}{\fontfamily{@c}{\fontfamily{@c}{\fontfamily{@c}{\fontfamily{\fontfamily{@c}{\fontfamily{\fontfamil}{\fontfamily{\fontfamily{\fontfamily{\fontfamily{\fontfamily{\fontfamily{\fontfamily{\fontfamily{\fontfamily{\fontfamily{\fontfamily{\fontfamily{\fontfamily{\fontfamily{\fontfamil}{\fontfamil$





Boreal PB-60.



Vibram Wolf. Rubber sole with shock absorbing PU.



Trekking, backpacking, fell walking, 3 season use.









6 - 12 U.K. in half-sizes



1470 gr. pair. Size 7 U.K.



One piece premium quality waterproof 2.6 mm Nubuck leather. HFS padded heel system for a perfect fit. Anatomic flex zone. Rubber rand for protection.



Boreal Dry-Line $\!\!\!$ for absolute waterproofness + stay cool breathability.



Boreal PBG-630



Vibram Masai. Rubber sole with dual density, shock absorbing $\ensuremath{\mathsf{EVA}}$ and $\ensuremath{\mathsf{PU}}.$



Trekking, backpacking, fell walking, 2-3 season use. Travel.









47057

KOVACH FULL-GRAIN



6 - 12 U.K. in half-sizes



1540 gr. pair. Size 7 U.K.



One piece premium quality waterproof 2.6 mm Full-Grain. HFS padded heel system for a perfect fit. Anatomic flex zone. Rubber rand for protection.



Boreal Dry-Line $\! ^{(\!n\!)}$ for absolute waterproofness + stay cool breathability.



Boreal PBG-630.



Vibram Masai. Rubber sole with dual density, shock absorbing $\ensuremath{\mathsf{EVA}}$ and $\ensuremath{\mathsf{PU}}.$









6 - 12 U.K. in half-sizes.



1565 gr. pair. Size 7 U.K.



One piece premium quality waterproof 2.6 mm Split leather. HFS padded heel system for a perfect fit. CFS flex system for maximum comfort. Rubber rand for protection.



Boreal Dry-Line® for absolute waterproofness + stay cool breathability.



Boreal PBG-650



Vibram Mulaz. Rubber sole with dual density, shock absorbing EVA and PU. TPU heel piece for semi-automatic Crampon compatible.



Rapid high mountain ascents. Long mountain traverses. Technical trekking. Superb light yet rugged 3-4 season mountain boot.









SHERPA



6 - 12 U.K. in half-sizes. 1310 gr. pair. Size 7 U.K.



One piece premium quality waterproof 2.6 mm Split leather with Neoprene and Lorica. HFS padded heel system for a perfect fit. CFS flex system for maximum comfort. Rubber toecap for protection.



Boreal Dry-Line® for absolute waterproofness + stay cool breathability.



Boreal PB-60.

Vibram Viking. Dual density rubber sole.

Trekking, backpacking, fell walking, 2-3 season use.





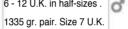




STRIDER LADY



6 - 12 U.K. in half-sizes .



4 - 8 U.K. in half-sizes. 1155 gr. pair. Size 4 U.K.



One piece premium quality waterproof 2.6 mm Full-Grain. HFS padded heel system for a perfect fit.



Boreal Dry-Line® for absolute waterproofness + stay cool breathability.



Boreal PB-60.



Vibram Wolf. Rubber sole with shock absorbing PU.











Boreal Dry-Line $\mbox{\it @}$ FLS for absolute waterproofness + stay cool breathability.

Vibram Nuasi. Rubber sole with shock absorbing PU.

Boreal PXF.







mazama

44871

mazama Lady



6 - 12 U.K. in half-sizes. 1140 gr. pair. Size 7 U.K. 4 - 8 U.K. in half-sizes. 980 gr. pair. Size 4 U.K.





Premium quality waterproof 2 mm Split leather with Teramida SL and Lorica. HFS padded heel system for a perfect fit. CFS flex system for maximum comfort. Rubber toecap for



Boreal Dry-Line $\mbox{\it B}$ FLS for absolute waterproofness + stay cool breathability.



Boreal PXF.

Vibram Ananasi. Rubber sole with shock absorbing PU.

Trekking, backpacking, fell walking, 2-3 season use. Travel







44880

cayenne

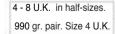
44881



cayenne Lady



6 - 12 U.K. in half-sizes. 1150 gr. pair. Size 7 u.k.





Premium quality waterproof 2 mm Split leather with Teramida SL. HFS padded heel system for a perfect fit. CFS flex system for maximum comfort. Rubber toecap for protection.



Boreal Dry-Line $\mbox{\it B}$ FLS for absolute waterproofness + stay cool breathability.



Boreal PXF.

Vibram Ananasi. Rubber sole with shock absorbing PU.









HES CES

44885

CHEROKEE 44886

CHEROKEE LADY

6 - 12 U.K. in half-sizes 4 - 8 U.K. in half-sizes

1200 gr. pair. Size 7 U.K. 1040 gr. pair. Size 4 U.K.

Premium quality waterproof 2 mm Split leather with Teramida SL. HFS padded heel system for a perfect fit. CFS flex system for maximum comfort. Rubber toecap for protection.

Boreal Dry-Line $\mbox{\bf FLS}$ for absolute waterproofness + stay cool breathability.

Boreal PXF.

Vibram Nuasi rubber sole with shock absorbing PU layer.

Light trekking, backpacking, hill walking (2-3 season use). Travel. $\label{eq:light} % \begin{subarray}{ll} \end{subarray} % \begin{subarray}{l$





VIBRAM Tink ANANASI

44920 navajo 44921

Has CES



navajo Lady



6 - 12 U.K. in half-sizes 1145 gr. pair. Size 7 U.K. 4 - 8 U.K. in half-sizes 985 gr. pair. Size 4 U.K.



Premium quality waterproof 2 mm Split leather with Teramida SL and Lorica. HFS padded heel system for a perfect fit. CFS flex system for maximum comfort. Rubber toecap for



Boreal Dry-Line $\mbox{\fontfamily{0.5ex}\mbox{\fontf$



Boreal PXF.

Vibram Ananasi. Rubber sole with shock absorbing PU.









VIBRAM Paw KID

KIVU 40205 KIVU GRIS 40210 KIVU GIRLS



28 - 38 EUR.



625 gr. pair. Size 31 EUR.



Premium quality waterproof 1,5 mm Split leather with Teramida SL. Integral padded tongue and rubber toecap for protection.



Boreal Dry-Line $\mbox{\bf FLS}$ for absolute waterproofness + stay cool breathability.



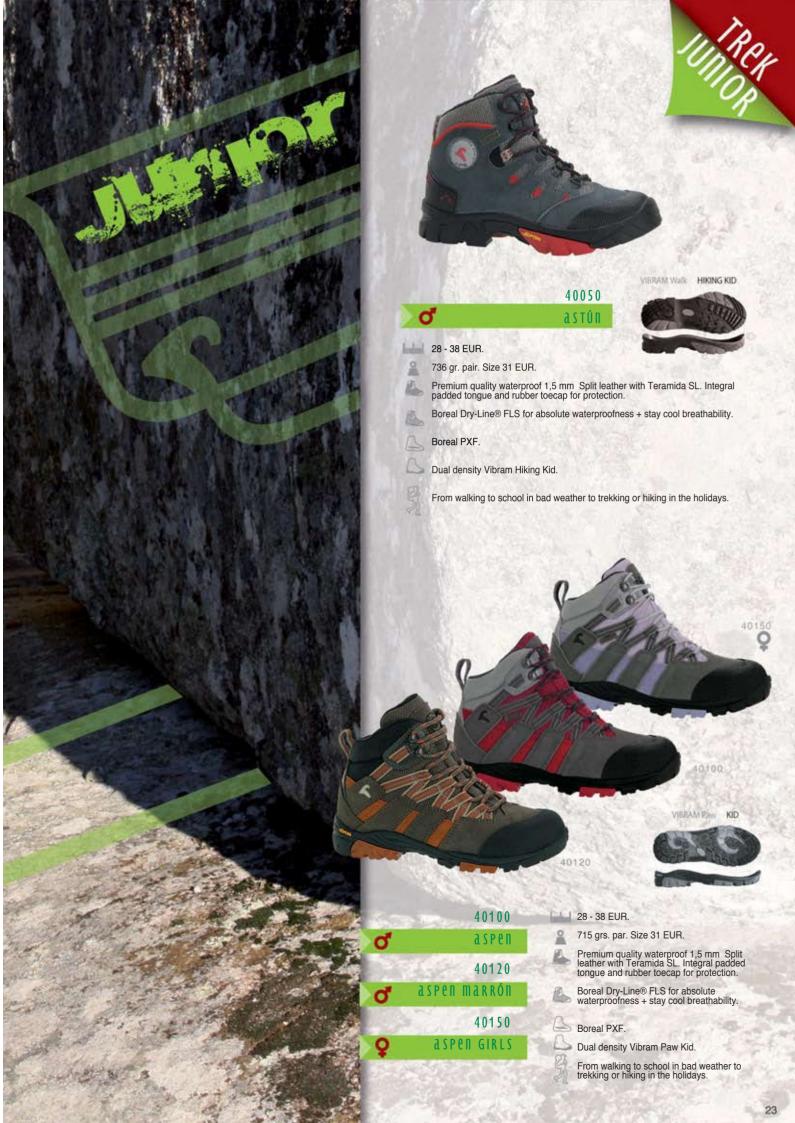
Boreal PXF.

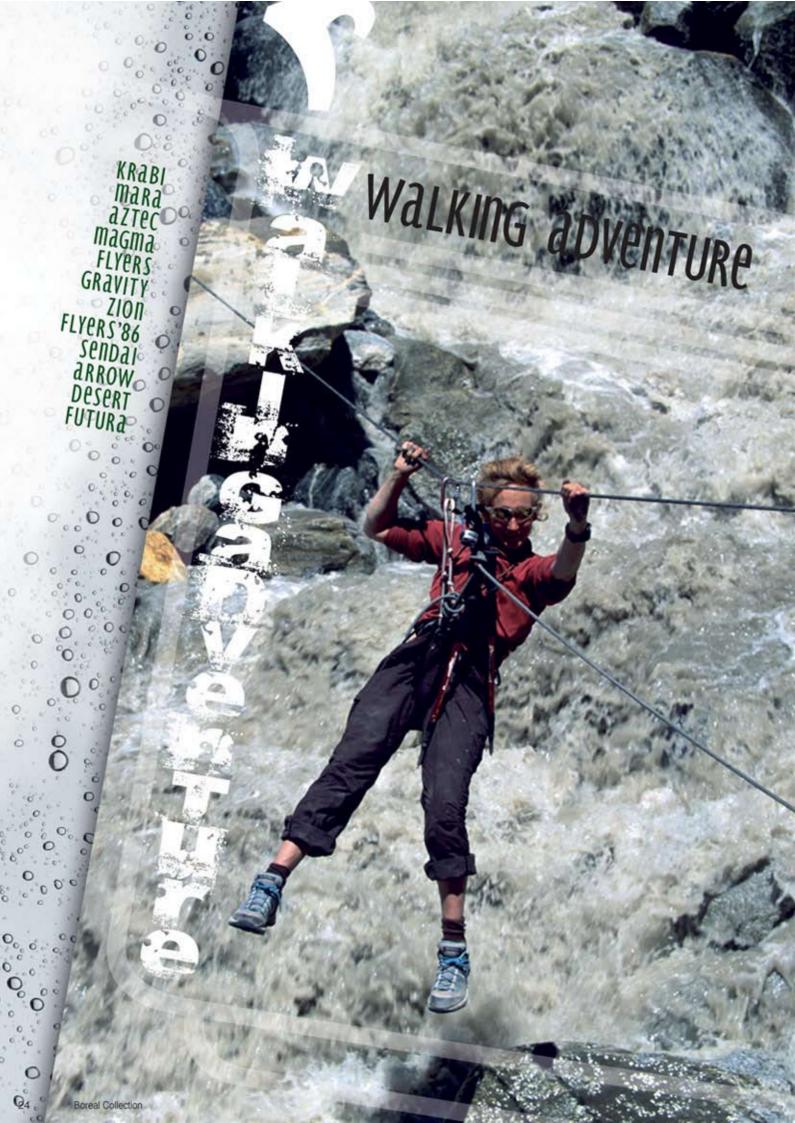
Dual density Vibram Paw Kid.



From walking to school in bad weather to trekking or hiking in the holidays.









Premium quality waterproof 1,8 mm combination of nubuck and split leather with Teramida SL. Integral padded tongue. HFS padded heel system for a perfect fit.

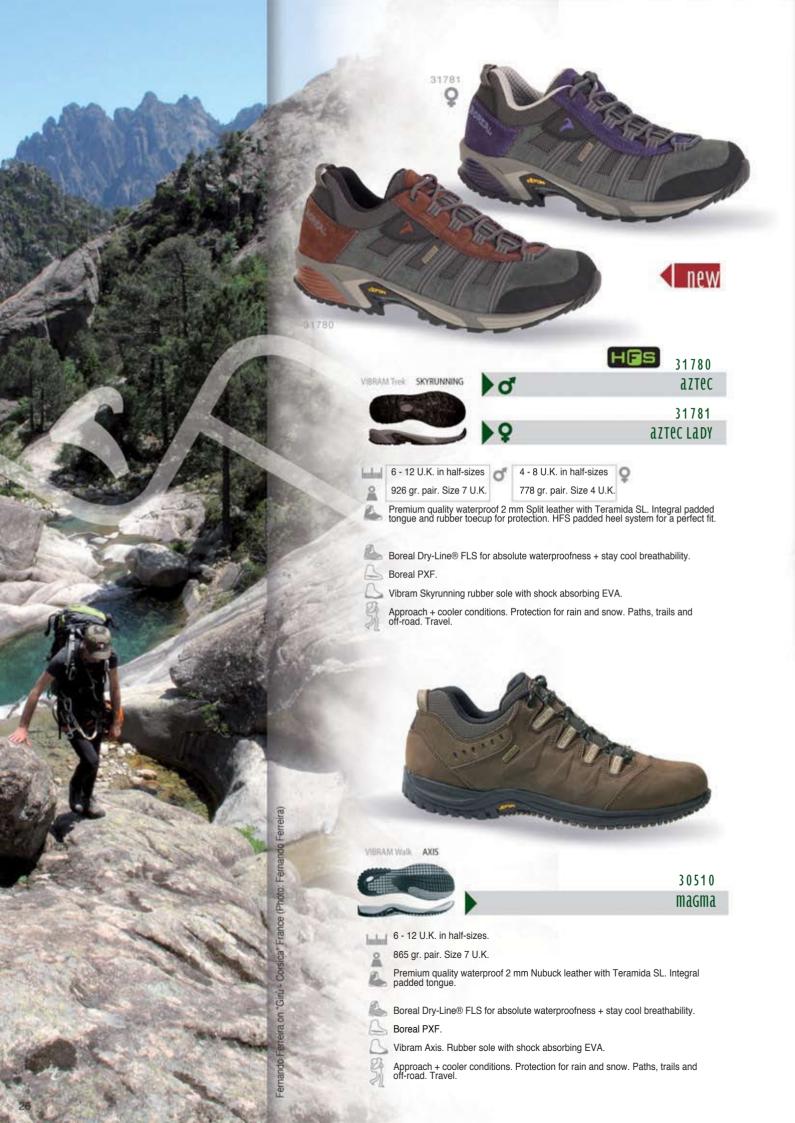
Boreal Dry-Line $\mbox{\bf FLS}$ for absolute waterproofness + stay cool breathability.

Boreal PXF.

Vibram Tubava. Rubber sole with shock absorbing EVA.

Approach + cooler conditions. Protection for rain and snow. Paths, trails and off-road. Travel.









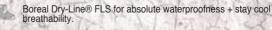






4 - 8 U.K. in half-sizes 760 gr. pair. Size 4 U.K.

Premium quality waterproof 2 mm Split leather with Teramida SL. Integral padded tongue and rubber rand for protection. HFS padded heel system for a perfect fit.



Boreal PXF.

Vibram Skyrunning rubber sole with shock absorbing EVA.

Approach + cooler conditions. Protection for rain and snow. Paths, trails and off-road. Travel.









DRY-LINE® DRY-LINE®

The Dry-Line® system offers much more than just a waterproof membrane. Besides the waterproof properties of the Dry-Line® it is one of the most breathable systems on the market, transporting moisture both horizontally and vertically away from the foot.



TLS: Thermal Layer System

A thermal insulation system with a triple layer of Thinsulate® all around the foot combined with different layers consisting of neoprene, completely waterproof 2.8 mm leather, highly abrasion Cordura and 2.5 mm of EVA.

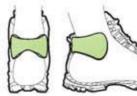


XTP FOOTBED: Extreme Thermal Protection Footbed Specially insulated insole to reduce heat loss.



HFS: Heel Fit System

Padded foam heel fit system developed by Boreal to hold the heel in place and avoid

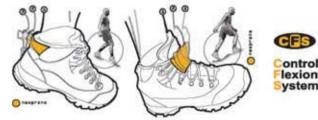






CFS: Control Flexion System

Unique flex system that allows longitudinal movement of the leg without opposition or





VTS: Velcro Tongue System

Three-piece tongue system where the user can adjust the height depending on the morphology of the lea



ALS: Ankle Lacing System

Fastening system at the heel gives a better fit and avoids foot movement inside the shoe.



IRS: Integral Rand System

The IRS system goes a step further in the manufacturing of climbing shoes. This one piece climbing sole never deforms and has a superior fit. We can achieve different thickneses in the rubber and the one piece construction avoids possible delamination.



FS-QUATTRO

The latest Boreal developed climbing rubber formula. The commitment to grip-abrasion-hardness are optimum. It has the unique property of not being affected by the change of temperature.



CHS: Comfort Heel System

Cushioned heel for supérior comfort when walking and for day long use.



MI Fit: Arch Fit System

Revolutionary fastening system for a fast and precise fit.









TFS: Toe Flexion System

A system that allows easy vertical flex of the toe area.





SFL: Slim Fit Last

Specific Boreal developed last designed for a narrow foot shape.



V² rand

Rand system for climbing shoes which thanks to its double tension provides a great fit for the heel and the arch of the foot.



TP net TPU injection system to support the heel and protect the textile of the upper.



DRY-LINE®

Boreal is passionate about developing the most technically advanced and comfortable boots for trekkers and mountaineers around the world:

In 1984 BOREAL developed the first mountain boot with a waterproof membrane (New-Tex®).

In 1986, BOREAL and Gore worked together to produce the world's first mountain boot featuring a Gore-Tex® membrane.

In 1995 Boreal achieved a significant step forward in boot technology with the DRY-LINE® system. A unique combination of Sympatex® 337 Professional with a wicking micro-fibre which gives unparalleled water-proofness, breathability, high tenacity and resistance to abrasion.

The breathability of DRY-LINE® is increased by the special

way in which the micro-fibres are knitted to the Sympatex® membrane. They form an air-space between the membrane and the inside of the boot liner. Because the micro-fibres are springy and flexible, perspiration is pumped vertically through the air space and out of the boot by the natural movement of the foot when walking, as well as wicking horizontally across the membrane.

The DRY-LINE® system is much more than just a waterproof membrane. It makes Boreal Mountain and Trekking boots simply the most breathable, durable and comfortable boots vou'll ever wear!

SYMPATEX® 337 Profesional:

The membrane (1/66 millimetre in thickness) is composed of 70% Polyester, which provides it's waterproofness, and 30% Polyether, which provides it's breathability.

Sympatex® is the most elastic membrane on the market: it has a stretching capacity of 300%. Thanks to this, it easily absorbs the constant flex and stresses generated by walking, trekking and mountaineering.

Unlike other membranes Sympatex® has no pores to clog, so it's performance will not deteriorate with use or as the boots become dirty.

Halogen and solvent free, Sympatex® is the most eco-friendly membrane on the market.



212 3 312 4 412 5 512 6 612 7 712 8 812 9 912 10 1012 11 1112 12 1212 13 UK 3 312 4 412 5 512 6 612 7 712 8 812 9 912 10 1012 11 1112 12 1212 13 1312 14 USA 3414 35 3512 3614 37 3712 38 3814 3912 40 4014 4112 42 4212 4314 44 4412 4512 46 4612 47 4734 4812 **EUR**

- 1 Collar
- 1.2 mm. Nubuck leather. Waterproof Leather
- 2.8 mm. waterproof suede backs 3
- Lace hook
- 4 Flexible lace band
- 5 Locking lace hook
- Brass 6 Eyelet
- Brass Laces
- Waterproof texturized polyester
- Counter
- Interior toe reinforcement 9 Padding High density polyester and perforated EVA

- 10 Boreal Dry-Line® liner Waterproof and breathable
- Boreal footbed

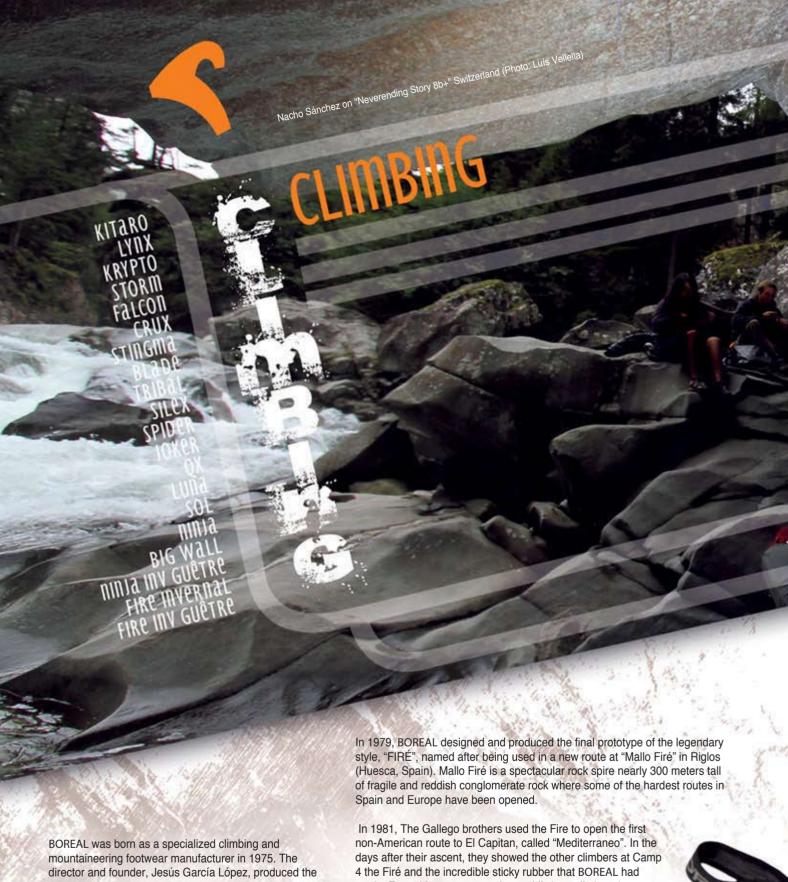
"Absorbent rhomboids" of EVA for sweat evacuation. Indeformable, odor proof, and anti-allergenic.

- 12 Midsole lining
- "Radoma". Cellulose, sweat absorbing
- 13 Boreal PBG-680 or PBG-650 (depending on model)
- Very stiff or stiff, yielding better stability and anti-torsional support 14 Special EVA midsole

Shock absorption and thermal isolation.

- 15 Shock absorbing air bed In heel and midfoot, for protection
- Heel counter Interior heel reinforcement
- 17 Crampon ranure
- 18 Protective rubber rands On toe and heel
- 19 New flex system, shock absorbing. More comfort and control.
- 20 Full Thinsulate® lining. (Models: SUPERLATOK, G1, G1 EXPE, G1 LITE, ICE MASTER, ICE MUTANT, ARWA,KANGRI, SIULA, STETIND) 21 Cordura





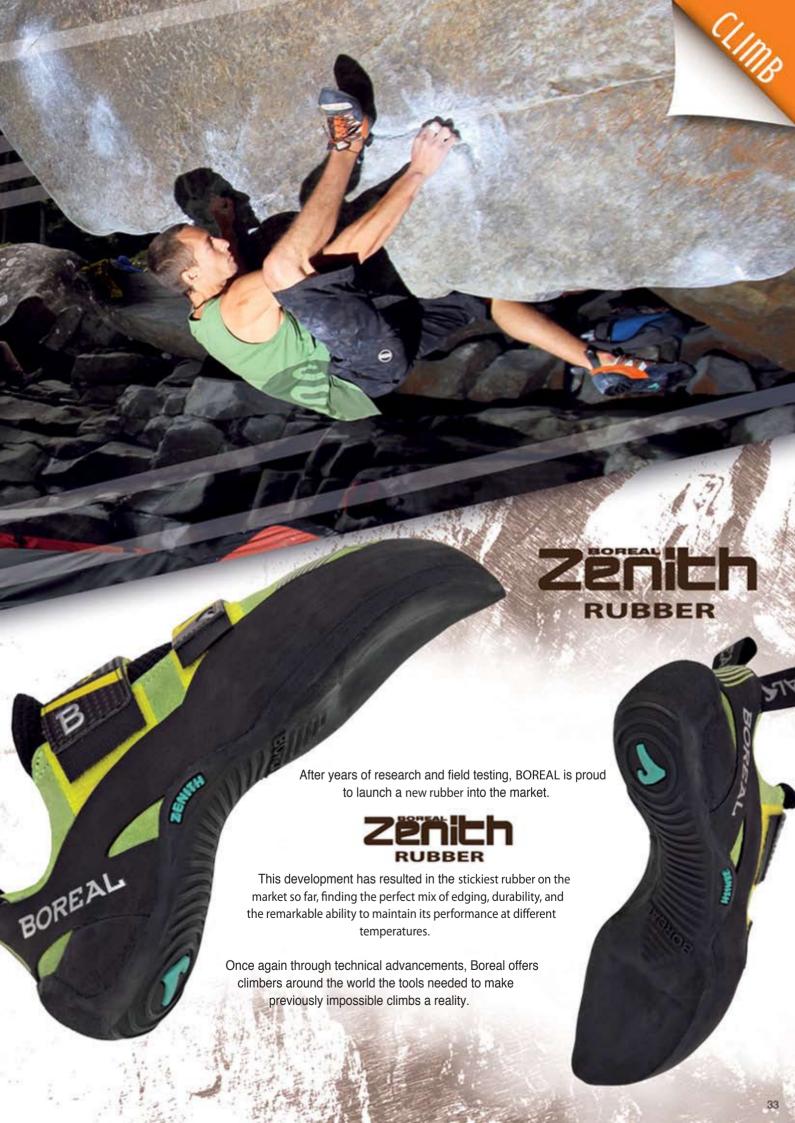
first rock shoes made in Spain, including for the first time in the world, a flat and very sticky outsole. This was the first style he developed; it was called "El Capitan".

In the mid to late 1970's, BOREAL pursued a research and development programme with the aim of improving the performance of rock shoes. A key goal was to develop a new climbing rubber with not only the highest levels of friction but also the durability, hardness and abrasion resistance necessary to ensure unmatched performance.

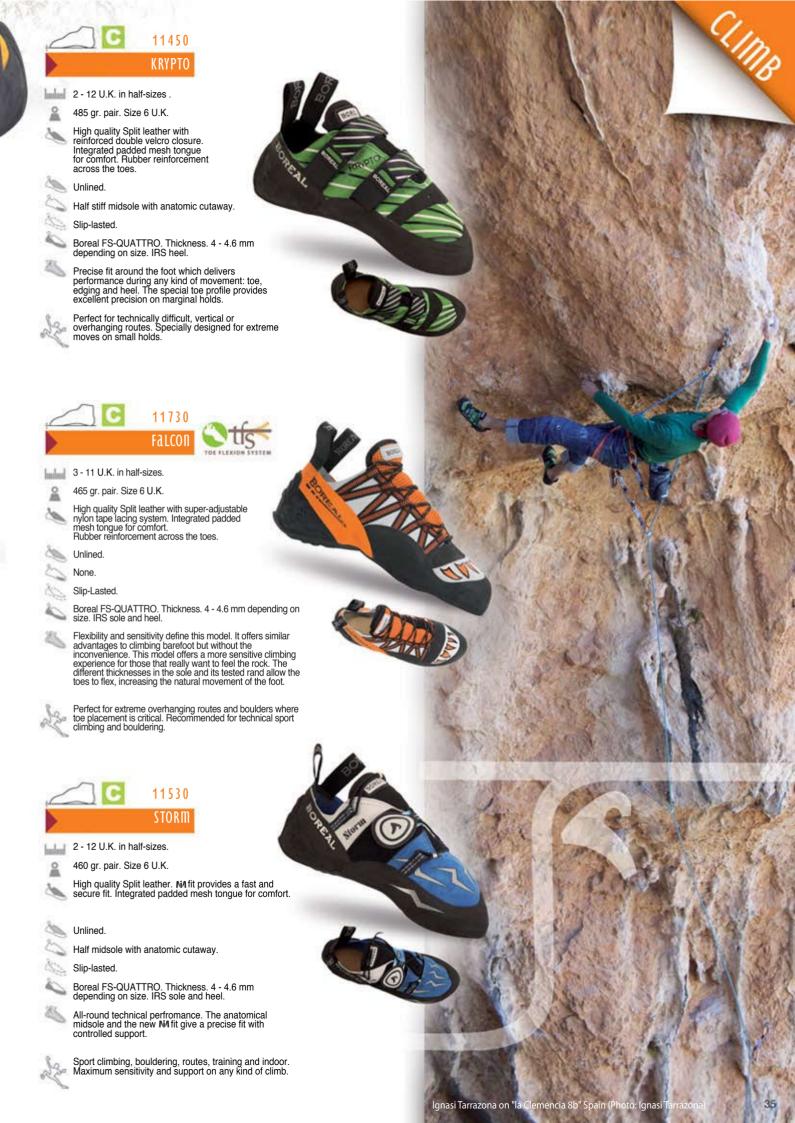
made. From this moment on, the world's best climbers began to climb with BOREAL products.

In the 1980's, BOREAL continued to develop revolutionary styles leading to the confirmation of grade 8 and later the opening of grade 9 in the early 90's.

The evolution of climbing has coincided with the progression of BOREAL product developments, such as the introduction of new materials and manufacturing technologies realised by our laboratory's research and development and design departments.

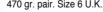












Premium quality Split leather and Lorica. Highly abrasion resistant mesh for ventilation. Integrated padded tongue for comfort.

PU Air Net for ventilation and comfort.

Half stiff midsole.

Slip-Lasted.

Boreal FS-QUATTRO. Thickness. 4 - 4.6 mm depending on size. IRS padded heel.

Stiff shoe for those that require additional support. Precise fit due to the lacing system. Superior comfort and breathability.

Designed for day long use. Perfect for everything from a visit to the local indoor wall or a day in the mountains to that next multi pitch route or a fun bouldering session with friends.

















480 gr. pair. Size 6 U.K.



Premium quality Split leather and Lorica. Padded tongue for comfort. ALS (Ankle Lacing System) maximises fit and control.



Half midsole with anatomic cutaway.

Slip-lasted.

IRS (sole, rand and heel in one piece) Boreal FS-QUATTRO rubber.



Revolutionary injection moulded technology delivers awesome performance on all rock types. Sensitive, comfortable, precise and powerful. The Integrated Rand System (IRS) and highly developed uppers hold the foot like no other shoe on extreme rock.

Sport climbing, long routes training and indoor. Very comfortable and durable style.



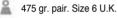




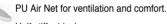




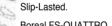




Premium quality Split leather and Lorica. Highly abrasion resistant mesh for ventilation. HFS padded heel system for a perfect fit.



Half stiff midsole.



Boreal FS-QUATTRO. Thickness. 4 - 4.6 mm depending on size. IRS padded heel. Extremely comfortable with an easy to fasten lace closure. Ergonomic HFS padded heel for an exceptionally comfortable heel area.



Designed for comfortable all day climbing. Recommended for training, multi-pitch mountain routes and long crag days. The ideal day long climbing shoe.





11380

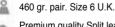


JOKER PLUS VELCRO





2 - 12 U.K. in half-sizes.



Premium quality Split leather with reinforced double velcro closure. HFS padded heel system for a perfect fit.



PU Air Net for ventilation and comfort.

Half stiff midsole.

Slip-Lasted.

Boreal FS-QUATTRO. Thickness. 4 - 4.6 mm depending on size. IRS padded heel.

Extremely comfortable with an easy to fasten lace closure. Ergonomic HFS padded heel for an exceptionally comfortable heel area.



Designed for comfortable all day climbing. Recommended for training, multi-pitch mountain routes and long crag days. The ideal day long climbing shoe.







2 - 15 U.K. in half-sizes.



440 gr. pair. Size 6 U.K.



Premium quality Split leather with zero stretch, highly abrasion resistant net for ventilation.

PU Air Net for ventilation and comfort.



Half stiff midsole.

Slip-lasted



Boreal FS-QUATTRO. Thickness. 4 - 4.6 mm. depending on size. IRS padded heel.



New concept climbing shoe. Incredibly comfortable and precise. EVA pad concealed in heel, protects so you survive. Fit in your street shoe size to wear all day.



From starting out, to long routes, all day wear, to

performance training and bouldering, no pack is complete without it.









2 - 12 U.K. in half-sizes.



445 gr. pair. Size 6 U.K.



High quality split leather with reinforced double velcro closure. Integrated padded mesh tongue for comfort.



PU Air Net for ventilation and comfort.



Half stiff midsole. Slip-lasted



Boreal FS-QUATTRO. Thickness. 4 - 4.6 mm. depending on size. IRS padded heel.



Incredibly comfortable and precise. EVA pad concealed in heel, protects so you survive. Fit in your street shoe size to wear all day. Tighter for more performance.



Comfort and convenience. Performance and protection. This shoe has it all and does it all, from the climbing wall to extended bouldering circuits and multi-pitch classics in-between.









3 - 11½ U.K. in half-sizes.



420 gr. pair. Size 6 U.K.



High quality split leather with reinforced double velcro closure. Integrated padded mesh tongue for comfort.





Half Texon midsole.



IRS (sole, rand and heel in one piece). Boreal FS-QUATTRO rubber.



Comfortable and durable thanks to its IRS construction. Technology at your feet.



Training (indoor-outdoor), sport climbing and classics.





36 - 47 EUR.







920 gr. pair. Size 40 EUR.

Waterproof Split leather and highly abrasion resistant Amortex NT. Padded tongue for superior comfort. Rubber rand protection.

PU Air Net for ventilation and comfort.

Boreal PXF and stiff midsole.

Board Lasted.

Boreal FS-QUATTRO. Thickness. 4.6-5.2 mm. depending on size.

Great comfort and fit for extended climbs on big walls.

Specifically designed for aid climbs and classic big walls.



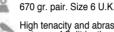
12164

3 - 12 U.K. in half-sizes.









High tenacity and abrasion resistant one piece Teramida with premium quality waterproof Split leather. Rubber rand protection.



Boreal Dry-Line® for absolute waterproofness and superior breathability. Full internal triple Thinsulate® layers for thermal protection.

Full insole and midsole.

Board Lasted.

Boreal FS-QUATTRO. Thickness. 4.6-5.2 mm. depending on size.

Very comfortable and light boot. Great thermal insulation and perfect fit.

Specialised boot for long climbs in cold conditions, winter ascents and high altitude.



BOREALS

















3 - 12 U.K. in half-sizes.



652 gr. pair. Size 6 U.K.



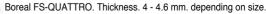
Integral high abrasion Cordura gaiter with Sympatex®. High quality Split leather with elastic tootwrap system.



Boreal Dry-Line® for absolute waterproofness and superior breathability. Half Texon midsole.







All the best properties of a climbing shoe fused with the thermal insulation of a winter boot.

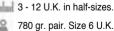
Warm and light for climbs at high altitude and cold conditions.





FIRE INVERNAL GUÊTRE









Integral high abrasion Cordura gaiter with Sympatex®. High tenacity and abrasion resistant one piece Teramida with premium quality waterproof Split leather. Rubber rand protection.



Boreal Dry-Line® for absolute waterproofness and superior breathability. Full internal triple Thinsulate® layers for thermal protection.



Full insole and midsole.



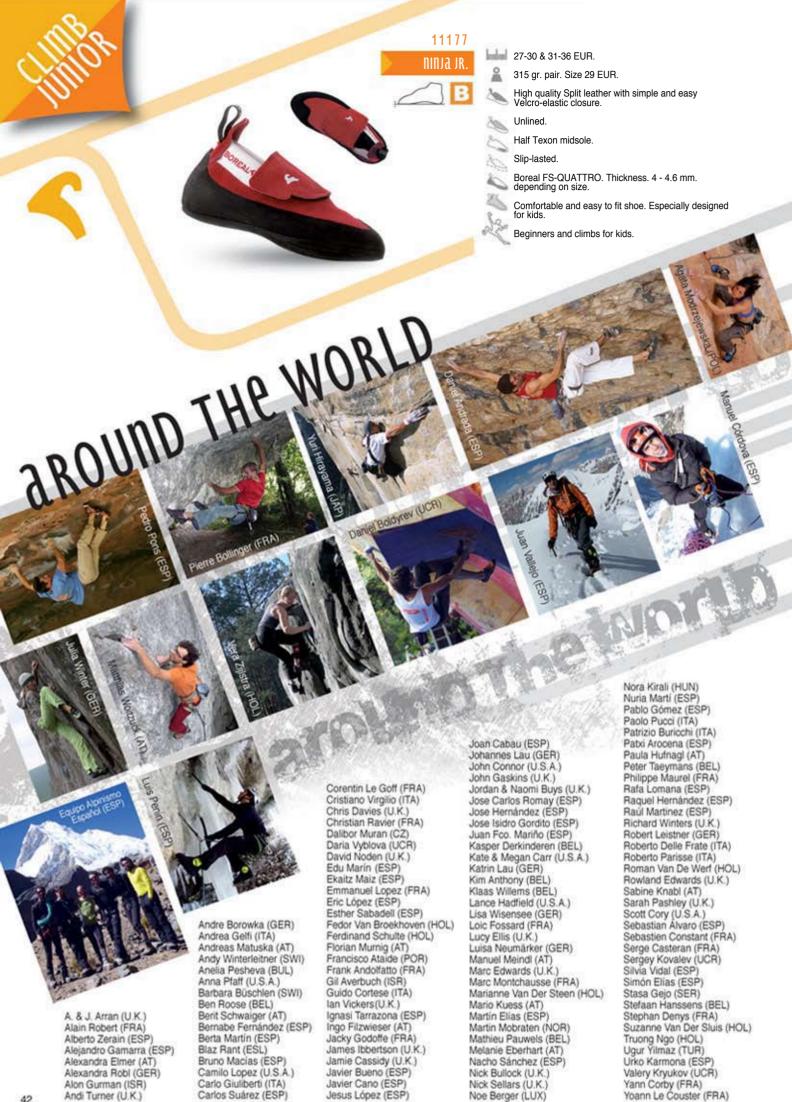
Board Lasted.



Boreal FS-QUATTRO. Thickness. 4.6-5.2 mm. depending on size. Very comfortable and light boot. Great thermal insulation and perfect fit.



Specialised boot for long climbs in cold conditions, winter ascents and high altitude.





425 Expe gaiter

 $\label{eq:high-abrasion} \mbox{High abrasion resistance Cordura with Sympatex} \mbox{\ensuremath{\mathbb{R}}}.$

422/423/424

Mount gaiter

High abrasion resistance Cordura. All seams are thermosealed for absolute protection. Perfect adjustment with an anti-slip elastic.



430

Ice gaiter

High abrasion resistance Cordura. Perfect adjustment with an anti-slip elastic.



435

Trail gaiter

Close fitting breathable Lycra. Perfect adjustment with an anti-slip elastic.



440

Expe over boot

Triple layer Thinsulate® lined over gaiter with EVA sole. Outer of Cordura backed with Sympatex® for high abrasion resistance, waterproofing and breathability. All seams are thermosealed for absolute protection. Cold spots are eliminated by placing the Thinsulate® in the gaiter without the use of glue or stitching. The gaiter is manufactured according to GI Expe boot size and Left / Right, to ensure a perfect fit and maximum thermal efficiency. This makes The Expe Over Boot / GI Expe combination the finest system available for 8000m ascents in winter and conditions of exceptional cold.

Shoe fit

A rock climbing shoe should fit "comfortably tight" throughout and never cause pain at any one particular point (especially in the toe box). Shoes fitted in this manner will stretch and produce a personalized fit after a while. Boots that produce painful "pressure points" usually won't stretch out after the initial breaking in period.

THE LAST

The most important factor affecting the shoe's fit is the shape of the last, the model "foot" around which the shoe is constructed. Boreal incorporates certain anatomical shapes in its lasts to achieve various effects depending upon what each shoe is designed for (technical edging, sport climbing, competition, long routes, etc.). The two most important characteristics of the last are the amount of "Flex" it has and the shape of its "Sole".

Flex Patterns



FLEXED

The traditional flexed last shape duplicates the correct anatomical position of the foot while climbing. This last shape is the most comfortable of all last shapes for general climbing purposes as it puts the foot into its natural climbing position without exerting excessive pressures on the foot.

Models: Ace, Zephyr, Ballet Gold, Big Wall, Fire Invernal, Fire Invernal Guêtre.

CAMBERED

The cambered, or reverse curve, last duplicates the position of the foot in a flat, unflexed position. This last shape boosts the edging capabilities of the flexible slip-lasted shoe without the need to incorporate stiff midsoles which would destroy the shoe's sensitivity.

Models: Spider, Stingma, Laser, Ninja, Ninja Invernal Guêtre, Ninja Jr., Diablo, Joker, Joker Velcro, Crux, Q-X, Sol, Luna, Falcon, Blade, Silex, Storm, Tribal, Silex Velcro, Joker Plus, Joker Plus Velcro, Krypto, Kintaro, Lynx.

Sizes

UK 2 2^{1/2} 3 3^{1/2} 4 4^{1/2} 5 5^{1/2} 6 6^{1/2} 7 7^{1/2} 8 8^{1/2} 9 9^{1/2} 10 10^{1/2} 11 11^{1/2} 12 12^{1/2} 13 USA 3 3^{1/2} 4 4^{1/2} 5 5^{1/2} 6 6^{1/2} 7 7^{1/2} 8 8^{1/2} 9 9^{1/2} 10 10^{1/2} 11 11^{1/2} 12 12^{1/2} 13 13^{1/2} 14 FUR 34^{1/4} 35 35^{1/2} 36^{1/4} 37 37^{1/2} 38 38^{2/4} 39^{1/2} 40 40^{2/4} 41^{1/2} 42 42^{1/2} 43^{1/4} 44 44^{1/2} 45^{1/2} 46 46^{1/2} 47 47^{2/4} 48^{1/2}

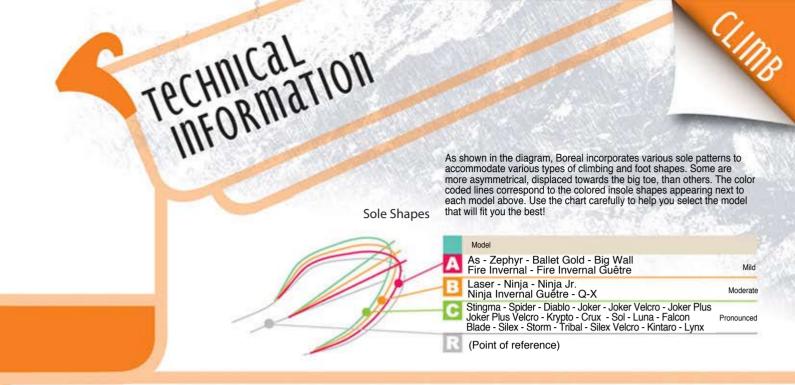
Slip-lasting

The slip-lasting method of construction involves sewing the leather uppers to the leather insole to create a kind of "sock". The sock is then slipped over the last and the midsole (if desired), rands, and soles are then glued on. This method of construction produces shoes that are lightweight, flexible, and very sensitive.

Slip-lasting is prefered for cambered lasts because stiff midsoles are not necessary to obtain edging performance and would destroy sensitivity with these types of shoes.

Slip lasted shoes are perfect for sport climbing, steep faces, and indoor climbing. The midsoles are very thin and provide incredible sensitivity and flexiblity.



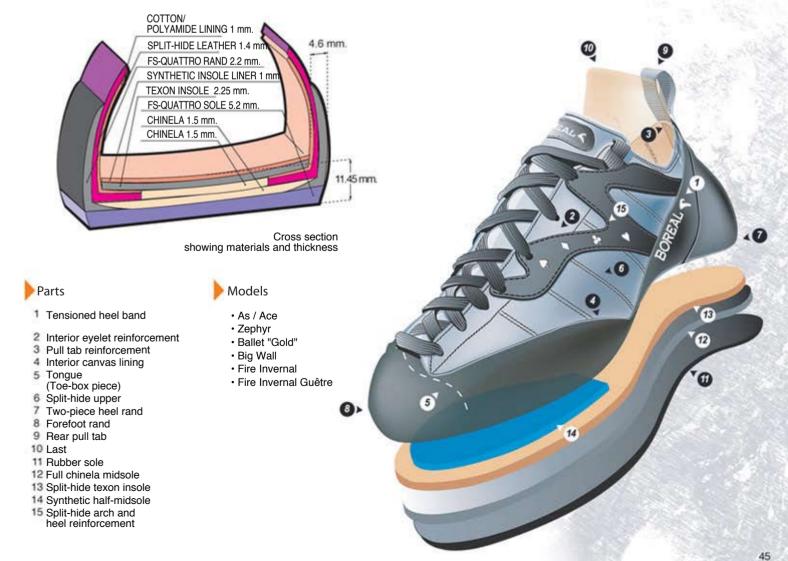


Board-lasting

Board-lasting involves placing the laced uppers over the top of the last and wrapping them underneath and gluing them to the preplaced insole attached to the bottom of the last. Another midsole then fills in the center of the sole so that the rands and sole can be glued on. Because the insole is mounted inside the shoe, this method produces shoes with more integrity and durability.

Board-lasting is utilized with semi-flexed lasts because when the insole is mounted inside the uppers, the shoes already have sufficient stiffness for edging and are more comfortable to wear.

Board-lasted shoes are great for edging routes, long faces, and crack climbs. Because of their thicker midsoles and interiorly mounted insole, these shoes are stiffer and offer greater support and durability.





-7	UK	EUR	USA	KIDS
S	2 - 5	34 1/4 - 38	3 - 6	26 - 30 Eur
М	5 1/2 - 8 1/2	38 3/4 - 42 1/2	6 1/2 - 9 1/2	31 - 34 Eur
L	9 -12	43 - 47	10 - 13	35 - 38 Eur

Ankle and insteap elastication for a perfect fit.

Toe and heel reinforcements.

Specially designed sock tops for all day wear.

Flat toe seams.

Sizes: S, M, L.

LEF RIGHT FITTING SOCK

INVISIBLE SEAM

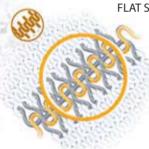






FLAT SEAM













646/647/648

TRAIL LITE COOLMAX

639/649 TRAIL BREATH COOLMAX

FEATURES: 85 % Coolmax 12 % Polyamide 3 % Lycrá

USAGE: Its superb light-weight, stay-dry performance in warm to hot conditions will be loved by hardcore trail runners. Reflective thread for night running.

FEATURES: 85 % Coolmax 12 % Polyamide 3 % Lycra

USAGE:

Tough and ultra lightweight with exceptional stay dry
performance for the most demanding use in warm to hot conditions.

FEATURES: 80 % Coolmax 17 % Polyamide 3 % Elastane

USAGE:

Tough and ultra lightweight with exceptional stay dry performance for the most demanding use in warm to hot conditions.

657/658

Walk Lite coolmax

FEATURES:

85 % Coolmax 12 % Polyamide 3 % Elastane

USAGE:

Fresh and comfortable sock with a perfect stretch fit. Their low cut makes them ideal for everyday wear, long walks and approachs in warm dry weather.



653/654

Walk med coolmax

FEATURES: 75 % Coolmax 22 % Polyamide 3 % Elastane

USAGE:

Cut a little lower to be cool and fresh during walks and approaches in hotter, dryer conditions.



667/668/669

TREK LITE COOLMAX

FEATURES: 80 % Coolmax 12 % Polyamide 8 % Lycra

USAGE:

Trekking, long walks and approachs all year round.



517/518/519/520

Walk ventilator

FFATURES:

75 % Coolmax 19 % Polyamide 6 % Lycra

USAGE:

Cut a little lower to be cool and fresh during walks and approaches in hotter, dryer conditions.



665/666

TREK MERINO

FEATURES: 70 % Wool

25 % Polyamide 5 % Elastane

USAGE:

Merino wool is superbly comfortable next to the skin. Ideal for winter trekking and activities such as hunting or fishing, where staying warm at rest is critical.



663/664

TREK THERMOLITE

FEATURES:

60 % Thermolite 17 % Polyamide

10 % Wool 8 % Acrylic

5 % Elastane

USAGE:

Perfect sock for trekking in cooler conditions or winter. Also ideal for rapid mountain ascents.



560/561/562

TREKIDS COOLMAX

FEATURES: 75 % Coolmax 19 % Polyamide 6 % Lycra

USAGE:

Cut a little lower to be cool and fresh during walks and approaches in hotter, dryer conditions. Created specifically to care for young feet.



563/564/565

TREKIDS THERMOLITE

FEATURES:

75 % Thermolite 19 % Polyamide 6 % Lycra

USAGE:

Perfect sock for trekking in cooler conditions or winter. Created specifically to care for young feet.





URBAN SUMMER FEATURES: 79 % Coolmax 15 % Polyamide 6 % Lycra

> USAGE: Specially designed sock for street use and off-road in the warmer seasons. At last dry feet thanks to the special spider's web knitted and the usage of the most technical materials.



FEATURES: 68 % Thermolite 27 % Polyamide 5 % Elastane

USAGE: Specifically designed and padded sock for ski and winter sports in general.





680

EXPETHERMOLITE

FEATURES: 58 % Thermolite 28 % Wool 10 % Polyamide 2 % Lycra 2 % Elastane

USAGE: Full length sock for mountaineering in extreme weather conditions.



FEATURES: 79 % Thermolite 15 % Polyamide 6 % Lycra

USAGE: Specially designed sock for street use and off-road in the colder seasons. Your feet warm and dry thanks to the usage of Thermolite.



548

694/695 SKI LITE THERMOLITE

> FEATURES: 50 % Thermolite 35 % Poliamida 15 % Lycra

USAGE: Elasticated sock with a perfect fit. Specifically designed and padded sock for ski and winter sports in general.



SKIDS THERMOLITE

FEATURES: 65 % Thermolite 30 % Polyamide 5 % Elastane

USAGE: Very warm and comfortable sock for skiing, created specifically to care for young feet.



48

542





410/415

Rock shoe bag / Boots bag

Nylon and ventilated mesh.



905

For cleaning of mountain and climbing boots.



701 Footbed Highly shock-absorbing EVA, perforated for breathability and improved comfort.



703 XTP Footbed

275 Half soles 5 mm Boreal FS-QUATTRO rubber, high quality and supersticky. 277

quality and supersticky.

Boreal ZENITH rubber, high

601/602 Laces Various sizes and profiles, some waterproofed. Manufactured in Polyamide or Polyester, depending on use and length.

The base of footbed is made from felt and anti-static 3 mm Memory Foam. The top layer is insulated with Thinsulate for warmth with highly wicking Coolmax to transport moisture away from the foot.



Foam grippers

Manufactured in EVA with anatomic shape.



204 Waterproofer

Same waterproofer as used in the leather tanning process. Provides the best possible protection from water and preserves the natural breathability of the leather.



High abrasion resistance Cordura Crash-Pad. Dual density shock absorbing foam plus lateral airvents. Equipped with backpack style shoulder straps for easy carrying and large outside pocket for bouldering essentials.

URBan 20+5

- MATERIALS: 30mm Ripstop Polyester + 600D Polyester
- VOLUME: 20+5 L
- WEIGHT: 1100 gr
- FEATURES:
- 2 compartments, one with interior organiser and the other extendable by 5 liters. (2)
 Ready for use with hydration systems.
- 2 lateral soft mesh pockets.
- Twin ice axe loops.
- Side straps for skis.
- Reflective rain cover concealed in lower pocket. (1)
- Lateral compression straps.Detachable hip belt and chest strap.
- Detachable hip belt and chest strap.Detachable mobile phone case.Highly breathable back thanks to the Boreal Air-Back system. (3)
- Ergonomic shoulder straps, padded with 3D honeycomb mesh.
 - COLOURS: Black
- USAGE: Cool looks and comfortable to carry. This pack is as at home in the city, as it is on the hill or at the crag.

358/359

Dakota 28

- MATERIALS: 30mm Ripstop Polyester + 600D
- Polyester. VOLUME: 28 L WEIGHT: 1150 gr
- FEATURES:
- 2 compartments, one with interior organiser.
- Ready for use with hydration systems.
- Waterproof zips
- 2 lateral soft mesh pockets.

- Twin ice axe loops.
 Frontal pocket for bike helmet.
 Frontal soft mesh pocket for quick access.
- Reflective rain cover concealed in lower pocket.
- Lateral compression straps.
- Detachable hip belt and chest strap.
- Detachable mobile phone case.
 Highly breathable back thanks to the Boreal Air-Back system.
 Ergonomic shoulder straps, padded with 3D.
- honeycomb mesh.
- COLOURS: Orange and green.
- USAGE: Perfect pack for trekking, weekend hiking and fell walking.

360/361/362

Tanzania 30

- MATERIALS: 30mm Ripstop Polyester + 420D
- Polyester. VOLUME: 30 L. - WEIGHT: 1020 gr FEATURES:
- 2 compartments, one with interior organiser.Ready for use with hydration systems.
- Waterproof zips.
- 2 lateral soft mesh pockets.
- Twin ice axe loops.
- Frontal pocket for bike helmet.
 Frontal soft mesh pocket for quick access.
 Reflective rain cover concealed in lower pocket.
- Lateral compression straps.
- Detachable hip belt and chest strap.
- Detachable mobile phone case.
- Highly breathable back thanks to the Boreal Air-Back system.
 Ergonomic shoulder straps, padded with 3D
- honeycomb mesh.
- COLOURS: Grey, blue and black.
- USAGE: Perfect pack for trekking, weekend hiking and fell walking.





- MATERIALS: 30mm Ripstop Polyester + 420D
- Polyester VOLUME: 40+5 L WEIGHT: 1400 gr FEATURES:
- 3 compartments, one with interior organiser the other extendable by 5 liters. (2)
 - Ready for use with hydration systems.
- 2 lateral soft mesh pockets.
- Twin ice axe loops.
- Side straps for skis.Reflective rain cover concealed in lower pocket. (1)
- Lateral compression straps.
- Detachable hip belt and chest strap.
- Detachable mobile phone case
- Highly breathable back thanks to the Boreal
- Air-Back system. (3)
 Ergonomic shoulder straps, padded with 3D honeycomb mesh.
 COLOURS: Black and red.
- USAGE: Perfect pack for trekking, weekend hiking and fell walking.



363

Rambla 40

- MATERIALS: Small Diamond Polyester + 600D
- Polyester VOLUME: 40 L WEIGHT: 1780 gr FEATURES:

- One internal compartment for climbing shoes. (2)
- One internal compartment for chalk bag. (2)
 Internal gear loops to organise and rack climbing.
- (2) hardware
- Detachable rope bag. (3)
- Detachable sit mat. (1)
 2 lateral soft mesh pockets
- Frontal pocket
- Frontal pocket for helmet
- 2 lateral pockets
- Lateral compression straps
- Detachable hip belt and chest straps
- Adjustable top-tension straps
 Ventilated back with 3D honeycomb mesh
- Ergonomic shoulder straps, padded with 3D honeycomb mesh
- COLOURS: Grey
- USAGE: Your ideal climbing partner!







346 SPIDER

T-shirt. 100% 180 gr. cotton t-shirt.



albarracín

FEATURES: 100% Cotton 170 gr SIZES: S, M, L, XL



Benasque

FEATURES: 90% Cotton - 10% Lycra SIZES: S, M, L, XL





333/334 Pedriza

FEATURES: 90% Cotton - 10% Lycra SIZES: S, M, L



335/336

SIURANA

FEATURES: 90% Cotton - 10% Lycra SIZES: S, M, L



337/338 FORADA

FEATURES: 100% Cotton 170 gr SIZES: S, M, L



343/344 Baltzola

FEATURES: 100% Cotton 170 gr SIZES: S, M, L



319/321 Benasque Lady

FEATURES: 90% Cotton - 10% Lycra SIZES: S, M, L





Product description card





Shoe holder BOREALS

















Posters

Boots-socks display

CLUB BOREAL



Sales and distribution locations in



Boreal reserves the right to make changes in its products and collection without prior notification Always solicit your guarantee certificate (comes with the manual).



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6 - 12 U.K. in half-sizes.

3 - 8 U.K. in half-sizes.

2134 gr. pair. Size 7 U.K.

1829 gr. pair. Size 4 U.K.

One piece premium quality waterproof and reinforced 2.8 mm. Split leather and Teramida. Three-piece adjustable Velcro Tongue System (VTS). Anatomic padding system for superb comfort and perfect fit.

Boreal Dry-Line® for absolute waterproofness and superior breathability. Full internal triple layer Thinsulate® lining for thermal protection.

Boreal PBG-680 with lateral reinforcements for torsion control. Unique triple layer Thinsulate® thermal protection.

Boreal Mount FDS-3 with triple density rubber. Plus 10 mm. EVA-Pro midsole for shock absorption and thermal insulation. Technical Crampon compatible.

Very cold conditions. Himalayan and alpine climbing. Technical ice and mixed climbing.







47303 Asan

3 - 13 U.K. in half-sizes.

1803 gr. pair. Size 7 U.K.

One piece premium quality waterproof and reinforced 2.8 mm. Nubuck leather. Fully padded for superior comfort and thermal

Boreal Dry-Line® for absolute waterproofness and superior breathability.

Boreal PBG-650 with lateral reinforcements for

Boreal Mount FDS-3 with triple density rubber. Plus 10 mm. EVA-Pro midsole for shock absorption and thermal insulation. Crampon

Cold conditions. Glaciers and snow couloirs. Long approaches and classic mountaineering.



3 - 13 U.K. in half-sizes.

1807 gr. pair. Size 7 U.K.

One piece premium quality waterproof and reinforced 2.6 mm. Split leather. Fully padded for superior comfort and thermal isolation.

Boreal Dry-Line $\! ^{\tiny \circledR}$ for absolute waterproofness and superior breathability.

Boreal PBG-650 with lateral reinforcements for superior

Boreal Mount FDS-3 with triple density rubber. Plus 10 mm. EVA-Pro midsole for shock absorption and thermal insulation.

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