



WILDCRAFT

**OUTDOOR
FOOTWEAR**

5 DAYS PROJECT



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OUTDOOR



WHERE THE SKY AND EARTH SPEAKS

OUTDOOR ACTIVITY -

Spending our leisure time engaged with Nature out of the town .

There are two primary purposes for outdoor recreation 1. Beneficial use and 2. pleasurable appreciation .

Beneficial use it related to physical and social rewards that in to good directed activity such as Hiking , climbing ,caving ,kayaking and rafting etc. It can be done as a group also which give self-sufficiency, risk-taking, the building of teambuilding and leadership quality, and the needs of achievement such as practicing, enhancing and challenging skills, testing stamina and endurance, and seeking adventure or excitement.

TYPE OF OUTDOOR ACTIVITIES IN INDIAN SCENARIO -

In India we have plenty of opportunities for adventure sports, including trekking, mountaineering, whitewater rafting, caving and diving – just make sure you've got comprehensive insurance before getting stuck in.

Mountain - 1.Trekking,2.Caving 3.Climbing 4.Hiking -(Ladakh ,Zanskar Himalayas,Sikkim, Western Ghats and Nilgiris)

Forest - 1.Wildlife safari ,2.Campling -(Madhya Pradash ,Gujarath and karnataka)

Water - 1.Canal Boating ,2.Dragon boat race ,3.Duckies ,4 . surfing ,5.fishing ,6.Jet skiing ,7.kayaking ,8 Rafting and 9.SuubaDiving,10.Bare foot water skiing and 11. beach games -(Himalaya ,Goa, kerala,Kullu, Manali, Leh, Gangtok and Rishikesh)

Air - Hot airBallooning ,2.Hang Gliding,3.Paragliding ,4.Parasailing (Rajashthan ,Maharashtra)

Land - 1.Camel riding , 2.Go karts,3.Hourse Riding ,4.Assault course ,5.ATV ride ,6.Motocross ,and Paint ball -(Rajashthan, Maharashtra and karanataka)

If we are talking about Outdoor Activity specialized footwear there more then 100 brands are there all over world mostly of the footwear are manufactured in Europe and Germany because of the availability of the raw materials. I have selected two brands which highly specialized in Hiking , climbling and Trail Running shoes and they are also highly developed in new technology and they are Introducing new materials too.



Since its inception in 1975, Asolo has gained an important worldwide leadership position in producing technical mountaineering shoes. The product range covers footwear from the most technical alpine demands to the more relaxed leisure activities line, permitting Asolo to be one of the few companies in the world to completely cover the outdoor area.

Asolo’s goal is to create great footwear for all outdoor needs, in all conditions, at all altitudes:
 *light walking * hiking *backpacking and climbing for all wheathers

Asolo footwear is designed around the foot; flexible, lightweight, and at the same time, resistant. Fit and performance are our major strengths. Our breathable footwear is able to shock-absorb even on the toughest terrains, while keeping away humidity, water, and cold weather. The highly researched soles prevent slips and falls on the most slippery terrains.

AWARDS :



2014- ROCK and ICE
 AWARDED “BEST IN GEAR” :



2013- Backpacker Magazine
 Editor's Choice Award -
 BACKPACKER (USA) :



Waterproof Bestsellers
 by Gore-Tex®
 ASOLO FSN 95 GTX:

TECHNOLOGY :

Technologies created to improve comfort and performance so that walking and climbing become a more gratifying experience. Asolo collaborates with the most recognized leaders in the footwear industry: Vibram®, the mountain sole experts, and GORE-TEX®, the worldwide leader for waterproof and breathable membranes.

Beyond that have invented more new technology and developing more Advanced products. Following technology are newly introduced in Asolo Outdoor Footwear .

Fit

Natural Shape

Asoframe Technology

Asoframe Carbon Kevlar

Ergonomic Heel Frame

Dual Integrated System

Anti Shock Technology

Power Matic Technology

Micro Pulley System

Triple Power Structure

Radiant Tecnology

Matrix Technology

Duo Asoflex Technology

Active Heel Support

Natural Shape

Escape Technology

Cross Walk Technology

Junior Technology

GORE-TEX® Extended Comfort Footwear

GORE-TEX® Performance Comfort Footwear

GORE-TEX® Insulated Comfort





(1) UPPER : Water-resistant suede mm 1,6-1,8

(2) LINING : Gore-Tex Extended Comfort Footwear.

ANATOMIC FOOTBED : Natural Shape.

(3 & 4) SOLE : Asolo/Vibram Natural Shape (Eva-Rubber).

FIT : Man

WEIGHT : 390 (g) (1/2 pair size 8 UK)

Light Hiking and summer - winter walking.

A new fit concept resulting from careful studies and test on mixed terrain.

The new shape reflects the correction foot's morphology and the volumes are distributed in new important area.

The result is a fluid, supportive and pleasant fit. The shape of the boot mirrors the shape of the foot.

The lower part of the last is anatomically shaped to cradle and support the foot.

The heel shape is designed to improve comfort. One-piece water-resistant 1,8 mm suede leather upper.

Gore-Tex® lining, waterproof and breathable. Midsole in PU mono density. Asolo®/Vibram® highly technical sole.

The balance of the outsole has self-cleaning lugs designed for optimum performance on varying types of terrain. Classic lacing system. Toe rubber cap



PORTLAND

Keen is an American shoe manufacturing company based in Portland, Oregon. Founded in 2003. The first Keen shoes were invented to develop a sandal that could also protect the toes they feature a signature thick black bumper covering the toes. They found a ready market in sailing and other outdoor and water activities. Keen Footwear now offers shoes for many outdoor activities as well as casual shoes.

TECHNOLOGY :

From unexpected down pours to tired feet , keen hybrid.ology is about eliminating the effort of anything that comes between our hybrid life , keen hybrid.ology Ensure superior fit ,extra durability , unending comfort and exceptional performance.

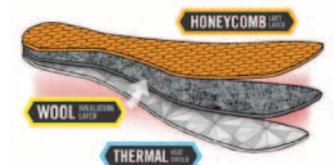
- 1 : Keen dry - A WATER PROOF system that breathes
- 2: CNX - Light weight protection for brave new toes .
- 3: Keen Protect
- 4: Keen warm
- 5: Heat trapolator
- 6: Metatomical footbed design
- 7: keen cush
- 8: Left & Right Asummetrical safety toe
- 9 : Thermal heat shield footbed
- 10: Keen grip



KEEN.PROTECT ⚠️
PROTECT YOUR TOES FROM THE UNEXPECTED.



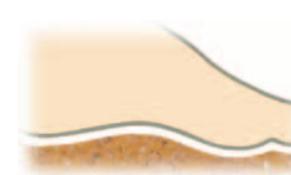
KEEN.WARM 🔥
A LIGHTWEIGHT INSULATION THAT KEEPS YOU WARM.



HEAT TRAPOLATOR ⚡
360° INSULATION FOR YOUR FEET.



THERMAL HEAT SHIELD FOOTBED 🔥
A THREE-LAYER SYSTEM TO KEEP FEET WARM, COMFORTABLE AND DRY.



KEEN.CUSH 🟢
WALK SOFTLY.



KEEN.DCR 🌡️ Dual Climate Rubber™
SUPERIOR TRACTION IN ANY TEMPERATURE.

FEATURES ,SPEC AND METERIALS :

Durand Low WP-



- 1- Direct attach PU midsole
- 2- Dual compound rubber outsole
- 3- Integrated PU heel cushion
- 4- KEEN.DRY™ waterproof breathable membrane
- 5- Removable metatomical dual density EVA footbed
- 6- TPU stability shank
- 7- Waterproof nubuck leather & breathable mesh upper

Weight: 17.8 oz/505 g

Collections: Outdoor

Type: Hiking, Waterproof

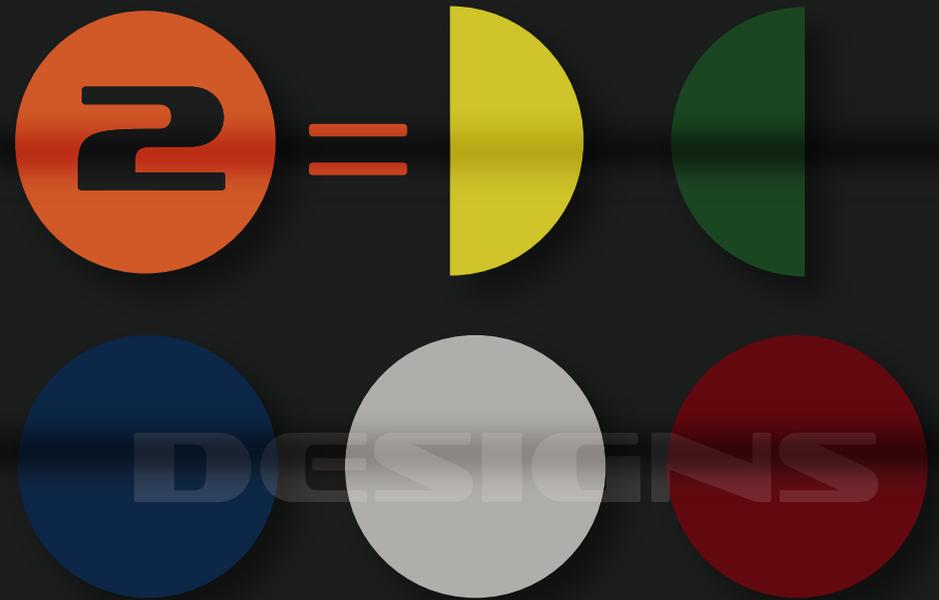
Style: Shoes

Weather: Wet - waterproof

Activities: Hiking

Rubber: Direct-attach Construction

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HIKING SHOE -

Hiking shoes are designed for mountain and hill walking, backpacking and mountaineering. Crampons can be attached to them for a better grip on glaciers or hard-packed snow. They are extremely strong, durable, and have stiff soles to give the ankles support and protection on difficult rocky trails. Mountaineering boots are usually taller and stiffer than hiking boots, providing insulation as well as support and protection.

Type of Hiking boots :

1. Light hiking shoes
2. Backpacking boots
3. Mountaineering boots

4. Hiking boots: *These mid- or high-cut models are intended for day hikes rips with light loads. They often flex easily and require little break-in time, but they lack the support and durability of stout backpacking boots.*

FEATURES ,SPEC AND METERIALS :

- Upper fullgrain Nubuck leather
- Polyester Mesh Upper
- lining waterproof/breathable membranes Gore-Tex
- Soft PU mid sole
- Rubber bottom sole vibram
- Weight: 1550grms per pair



TRAIL RUNNING SHOE -

Trail Running Trail running is a sport which consists of running and hiking over trails. It differs from road running and track running in that generally takes place on hiking trails, often in mountainous terrain, where there can be much larger ascents and descents.

Grip on rugged terrain: *Trail-running-shoe outsoles offer deeper lugs and more aggressive tread patterns to boost our stability.*

Foot protection: *Trail runners feature a stiffer sole and hidden plates to shield feet from bruising that can occur due to impact on rocks and roots. Most trail-running shoes also include stiff, protective toe counters on the front to prevent toe injuries*

Components and sole specification :

In between the shoe's upper and the outsole is the midsole. It provides cushioning, and many trail runners include additional support materials for stability.

Trail-runner midsoles consist of EVA (ethylene vinyl acetate), an open-cell foam. Some use a single grade of EVA; others feature double- or triple-densities of EVA, placing firmer foam sections under specific sections of the foot. A few shoes also add polyurethane – closed-cell foam that is firmer, slightly heavier and more durable than EVA.

Thin thermoplastic polyurethane (TPU) plate or insert sandwiched between the midsole and the outsole
For added protection.

For added support, trail runners :

Shanks: *Sometimes also called stabilizers or inserts, shanks add stiffness to the midsoles. They help runners maintain balance as they navigate rocky, rooty terrain. They vary in size, depending on each manufacturer's design objectives, and are commonly made from lightweight TPU.*

Elastic support: *I have used an Elastic which connects tongue and mid sole it went through the whole upper so it give perfect fit on forepart.*

FEATURES ,SPEC AND METERIALS :

Best in - Short trail runs, long ultra races, dry, wet, rocky, smooth, muddy or snowy

Upper - Synthetic mesh and Flexfilm

Lining - Spacer

Mid sole - Double density Injected EVA with tpu component

Outsole - Termopalstic rupper with rock shield

Laching - Traditional



OUTDOOR SANDAL -

Outdoor sandals otherwise called as sport sandals its this versatile sandal even greater traction on wet surfaces while the lightweight midsole features a textured footbed to prevent underfoot slippage so you stay comfortable, stable and agile during activities in and around the water.

FEATURES ,SPEC AND METERIALS :

Best for - Fishing and water

Upper - Washable Synthetic leather

Lining - Spacer

Strap- Rubber pull tabs for easy closure

Mid sole Injected EVA , ightweight midsole, superior cushion, high energy return

Outsole - Non-marking traction rubber (The “non marking” version allows the compound to be used for indoor and nautical sports.)

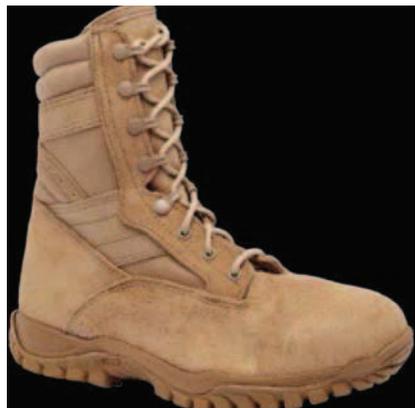
SPORTS SANDAL

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FOOTWEARS FOR MILITARY INDIAN ARMY

MILITARY BOOT -



* We can use such fabrics for the upper.



SINGLE WALL. MULTIPLE CLIMATES.

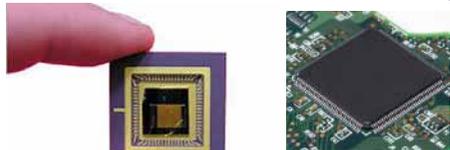
WATERPROOF | HIGHLY BREATHABLE | FAST DRYING

The new single wall construction of GORE-TEX Extended Comfort Boots increases breathability of the footwear without compromising the durable waterproof protection. Now, the same pair of boots can be comfortably worn in warm and cool climates, for light and heavy duty. In fact, the breathability is the same as a desert boot but the protection is suitable for much wetter and colder environments.

As per the forces we can make the special footwear with the technical needs .

- Indian Army
- Indian Navy
- Indian Air Force
- Indian Coast Guard

* We can introduce technologies like integrated circuits ,GPS Chips and Bomb detector sensor in footwear



Type of sole and technology used in military footwears .

Thinsulate
INSULATION

THINSULATE™ insulation by 3M maintains warmth even in damp conditions. This original “warm without bulk” product is not only exceptionally thin but is also extremely lightweight and durable.

DuPont™
NOMEX

DuPont™ NOMEX is the fiber that's engineered to stand up to excessive flame temperatures; therefore, provides superior heat and flame resistance which cannot be washed out or worn away.



Vibram® soles are always produced with three objectives: to guarantee the best performance, the maximum level of comfort and quality over time.



GORE-TEX® footwear provides durably waterproof protection that is highly breathable in a variety of climate conditions.



HIGH PERFORMANCE ORTHOTIC INSOLE

Advanced Anatomical Design includes a stabilizing contoured heel cup; extended arch support and honeycomb geometric forefoot to provide maximum air circulation. State-of-the-Art Materials include advanced EVA resin that forms the heel & mid-foot cradle, Agion® treated anti-bacterial sock liner and high tech EVA/Rubber blend for impact cushioning.



LETS MAKE IN INDIA

BE INDIAN BUY INDIAN

THANKYOU

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