

Loop project by dorin sasson

Department of Industrial Design  
Shenkar college

# BAREFOOT

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SHOE FOR EVERYDAY USE



DORIN\_SASSON

**PRODUCT DESIGN.**

# THE FASHION INDUSTRY

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A wasteful industry, a lot of depreciation on the way, and a fast pace of replacement.



PRODUCT DESIGN.



# SNEAKERS CATEGORY OBSERVING

A category that contains innovation,  
sustainability, fashion and trends.



Veja-Recycled plastic  
bottles



Made of mushrooms

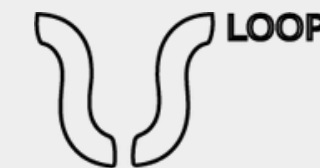


valentino-



I base myself on this category  
and discard the characteristics  
of the category to select  
materials\technology\shape and  
create a new material.

while combining and strengthening the  
characteristics of the barfoot shoe  
Flexibility, lightness and ventilation







# WHAT IS BARFOOT?

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## Shoes category supports natural movement of the foot

The form of footwear that waits for the movement of the foot by using a thin sole (allows sensory passage to the body), flexible (allows natural movement for the foot), usually characterized by the use of breathable materials in the upper part for ventilation



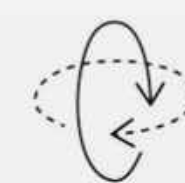
עמידות



מפתח בהונות משתנה



תחושה טבעית  
זיז דרום



גמיש



משקל קל



# REMOVABLE INSOLE

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Made of silicone coated rubber



light



flexible



barefootlife



gost-barefoots

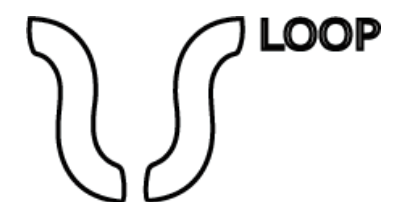


VIBRAM

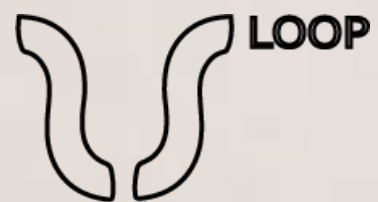
*Bulky appearance in general, more suitable for trips and sports.*

BARFOOT STAYLE

# THE VISIBILITY OF THE CATEGORY







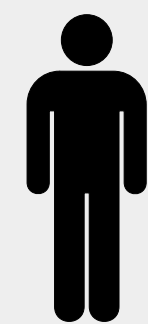
dorin\_sasson

# THE ISSUE



## WOMEN

1. It doesn't fit anything but I'm addicted to comfort,
2. It's really ugly and that's why I don't wear it everyday but I would really like to.



## MEN

I know it's ugly, I don't care

## PRODUCT DESIGN.



# THE CONCEPT

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**Personal customization**-Choice of sole color, yarn color, possibility to replace the knitted part and stay with the insole that is responsible for the comfort

**disassembly**- removable insole, Allows color options allows washing, possibility of adjusting the insole to several types of shoe (future options), discounting of the shoe, you only need to buy the knitted part - the cheapest part of the product

**Sustainability** the environmentally friendly aspects of 3D knitting, such as the reduction of waste and energy consumption compared to traditional production methods

01

02

03



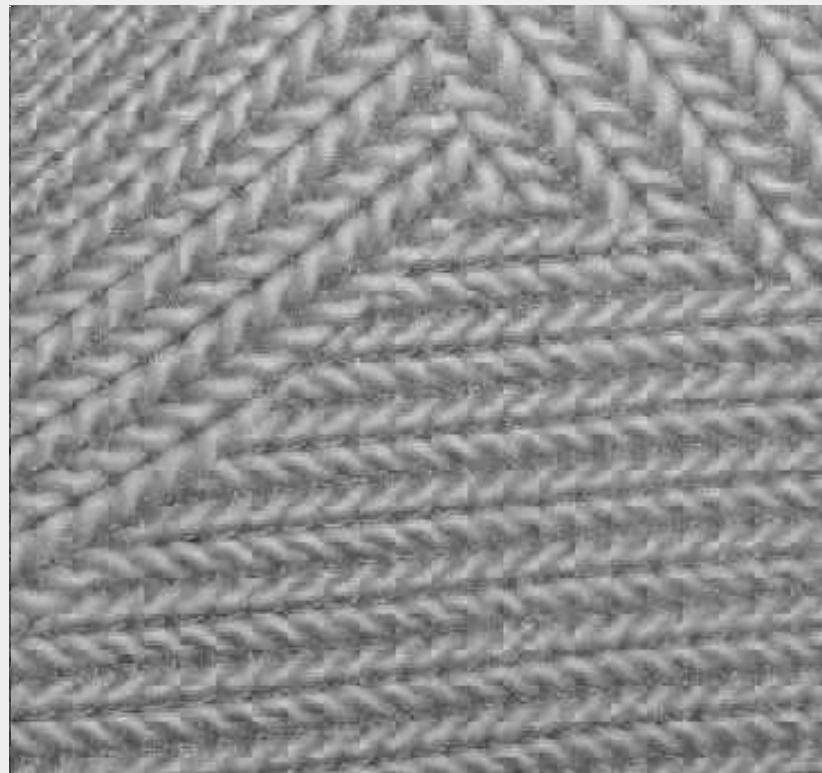
LOOP PROJECT

Presentation are communication tools that can be used as demonstrations, lectures.



PRODUCT DESIGN.

# THE TECHNOLOGY



Using a thick wire diameter, leaving a memory for the crochet craft

The texture of the sole comes from the knitting in an opaque way.

Materials research - use of knitting technology to create a shoe in one step. Wrapping the structure of the leg, a division is created by the knitting technology.

Allows material reduction and easy disassembly

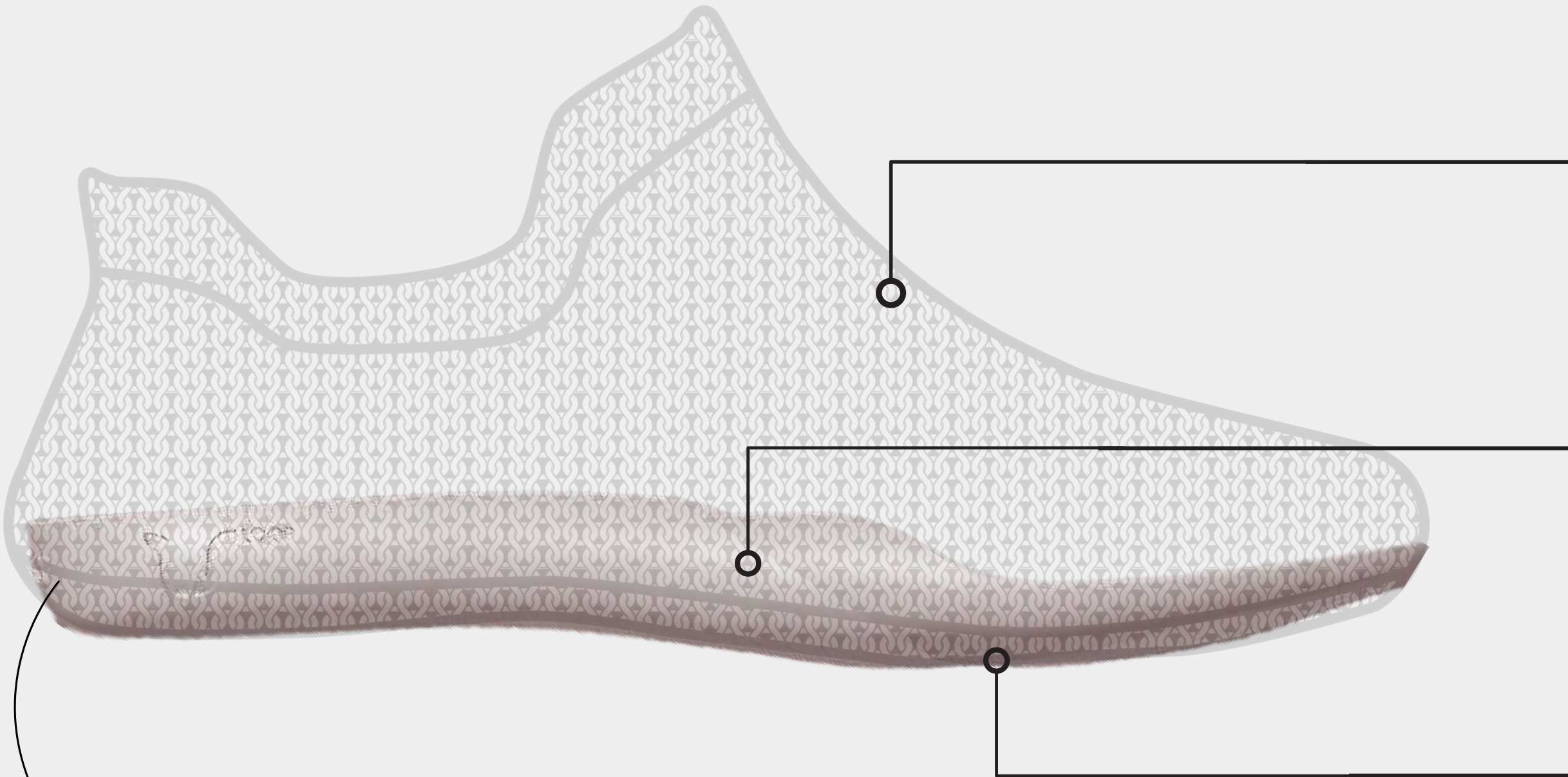


inspiration– Craftology

shoe for everyday use

# PRODUCT DESIGN.

# CONFIGURATION



Knitted tactile part - 3D knitting  
.on top of a mask

Insole- flexible, 3D-shaped silicone  
rubber pad

Part dipped in silicone - the tread  
area and friction with the ground



Insole- flexible, 3D-shaped silicone  
rubber pad

go barefoot





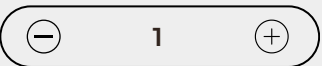
# LOOP STYLES

## SHOE OPTIONS

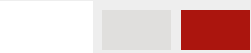
SHOP NOW



\$110



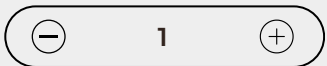
Rice texture  
+ wire colors



+ rubber colors



\$ 110



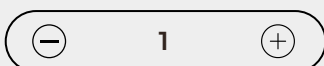
Braid layered texture  
+ wire colors



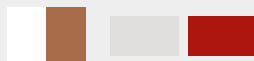
+ rubber colors



\$ 110



Combined Rice and braid  
+ wire colors



+ rubber colors



more



[HOME](#)[ABOUT](#)[INSOLE](#)[SHOE](#)[ACCOUNT](#)[CONTACT](#)

# REUSABLE INSOLE

**\*\*On first purchase must purchase insole**

**\*On your next purchase you can enjoy a 20% discount if you recycle the knitting**



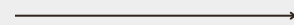
Made of silicone coated rubber



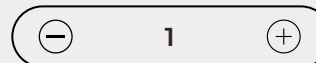
light



flexible

[SHOP NOW](#)

\$65



choose a size

[35-36](#)[37-38](#)[39-40](#)[41-42](#)[43-44](#)

more

[ADD TO BAG](#)

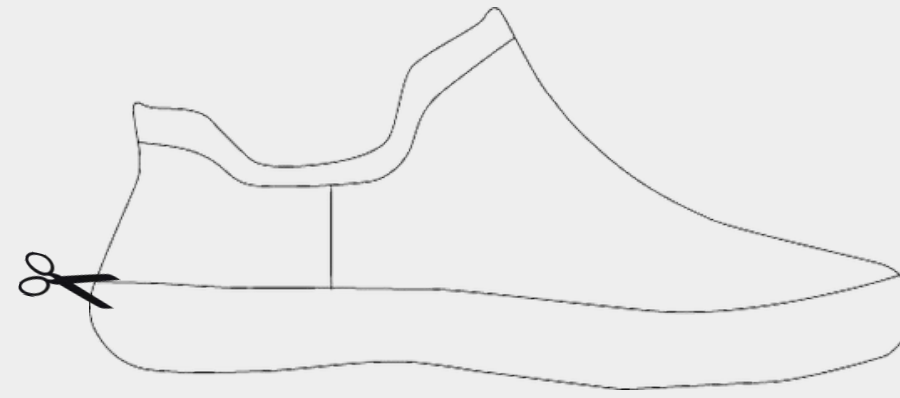
# PROCESS

ORDERING PROCESS, RECEIPT TO  
THE CUSTOMER, USE, AND AFTER USE



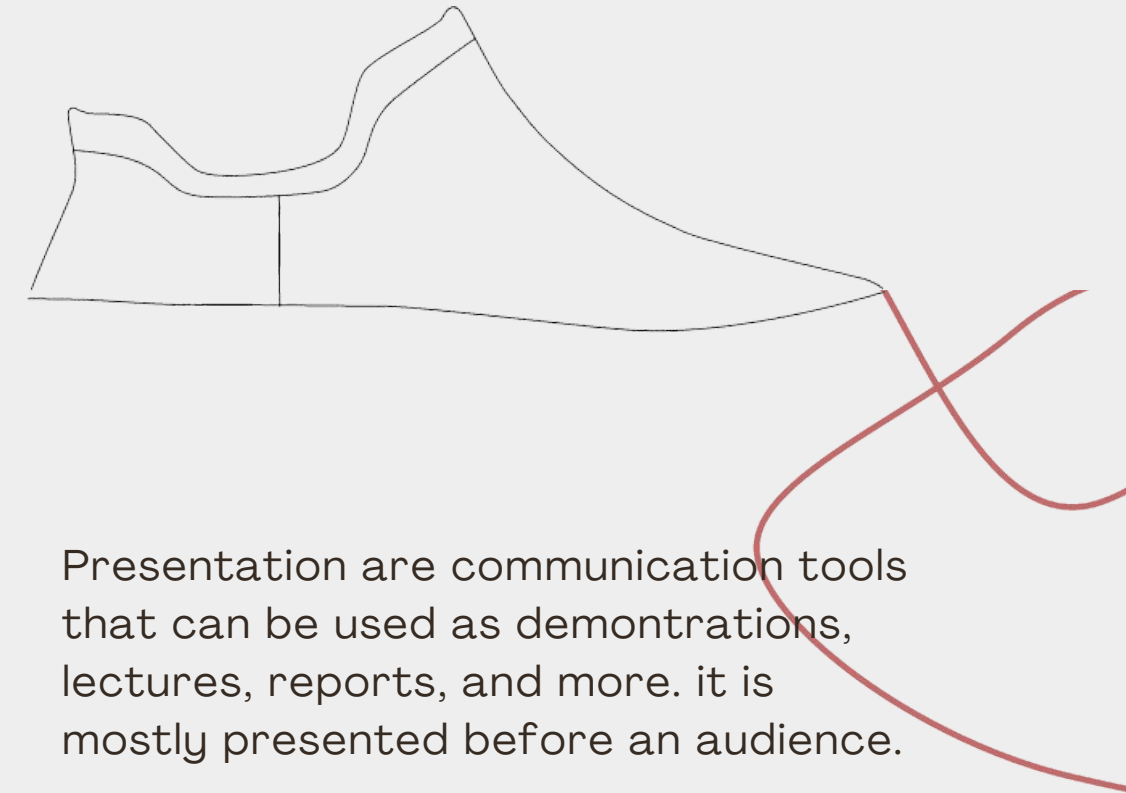
*Presentation are communication tools that can be used as demonstrations, lectures, reports.*

## CUTTING



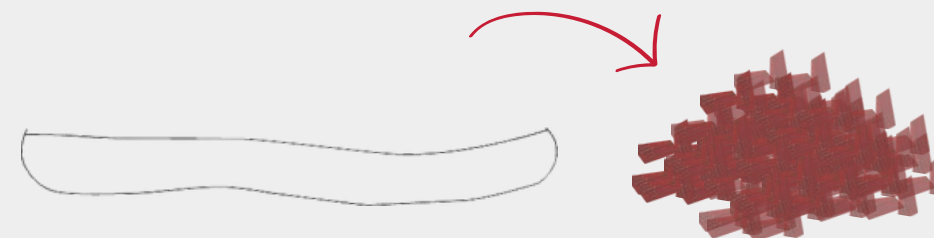
Presentation are communication tools that can be used as demonstrations, lectures, reports, and more. it is mostly presented before an audience.

## UNRAVELED



Presentation are communication tools that can be used as demonstrations, lectures, reports, and more. it is mostly presented before an audience.

## GRINDING



Presentation are communication tools that can be used as demonstrations, lectures, reports, and more. it is mostly presented before an audience.

## REUSABLE INSOLE



A reusable insole made of durable material, remains with the customer for repeated use





### 3 DIAMETERS OF ROPE

3 mm, 5 mm and 8 mm, knitted one to the other creating a thick sock – inside it is inserted a structure that preserves three-dimensionality  
Also coated with silicone rubber for treading.



### SILICONE RUBBER THREAD KNITTED

monobloc style, thinking about divisions in one material, thread diameter 4 mm, silicone coated rubber, the material is a material suitable for the sole and therefore the choice



### RUBBER PLASTIC ISLANDS

threads emerge from the islands, thread the thread through the islands and knit on top of thread strips, allows for more even spacing to be maintained

## MATERIAL RESEARCH

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CRAFT MEMORY INSIDE TECHNOLOGY





## KNITTING, DIP SILICONE RUBBER

A polyester-coated rubber thread, 3 mm in diameter, is knitted and stretched over the mat, after knitting, dip silicone rubber for application in the lower area of the shoe, in order to create a tread area, applying the material creates a wrap and an embossing of the knitting



## POLYESTER THREAD KNITTED

2 mm polyester thread knitted on top of a shoe liner, after knitting heat a metal surface and melt the bottom part  
To create a sole and a clear walking area, a material game to take advantage of the values of the material

# RESEARCH



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# THE DIP PRINCIPLE

SHOE FOR EVERYDAY USE

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# UNIQUENESS

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ALL COMPANIES CONNECT THE TEXTILE  
TO THE SOLE BY GLUING





# TEXTURE INSPIRATIONS

DESIGNED HILL  
THE FOLLOWS  
SHAPE

visions inspired by texture in layers with embossing  
by a 3D knitting technique.





# PRODUCT DESIGN.

# CMF



A texture that follows the shape of the foot and is built from layers that create bumps and depressions.

Playing in directions that create divisions in layers

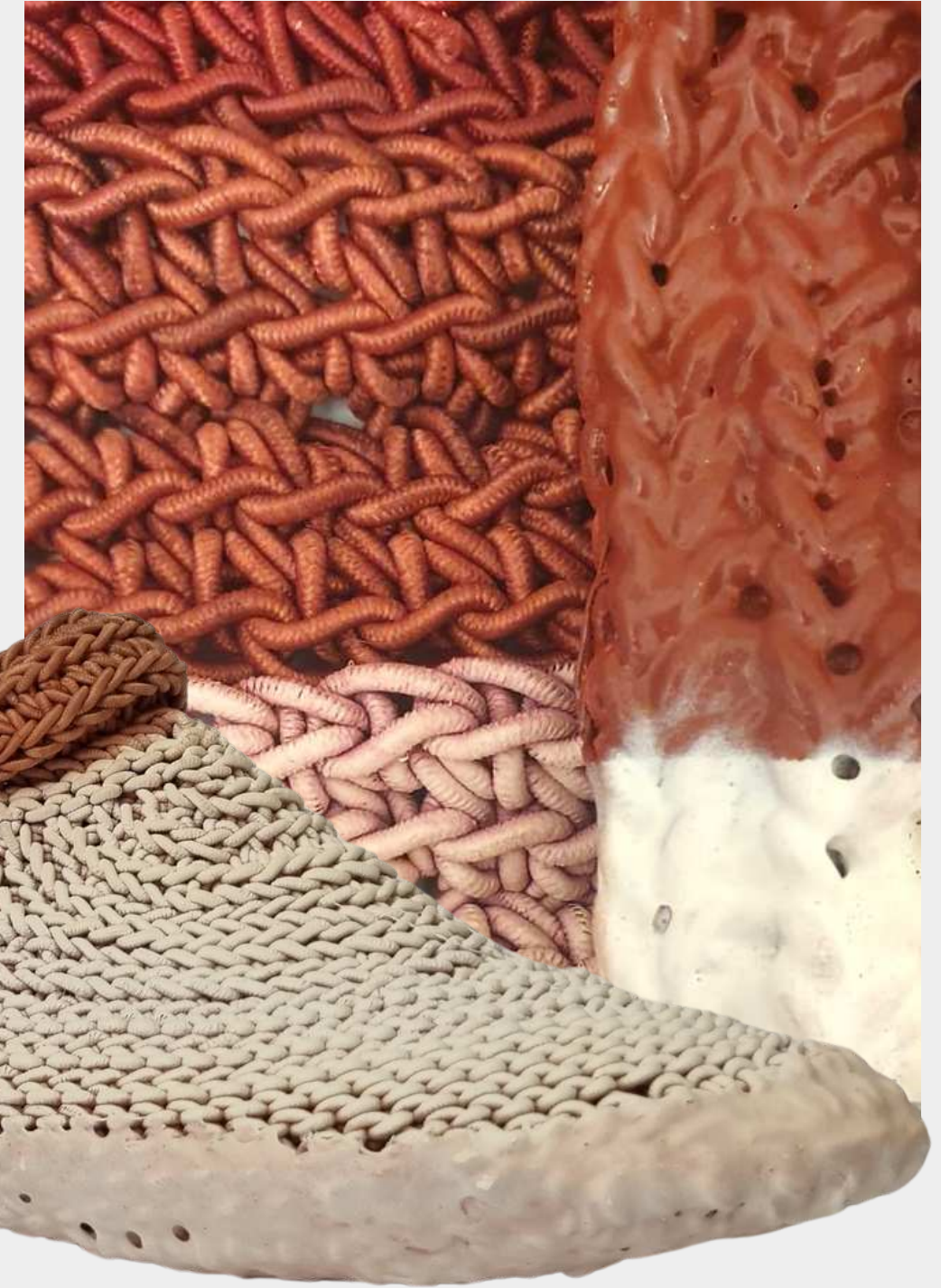
Round, flowing, soft texture

## **color on color-**

Earthy warm colors, in the part close to the ground is coated with classic white that characterizes two-day sneakers, creating depth for the white color

**Highlighting edges** - by internal color.

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# LOOP SNEAKERS COLLECTION

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INSPIRED BY MOUNTAIN LAYERS,  
FLOWING MOVEMENT AND PLEASANT  
AND RELAXING WARM COLORS







# DETAILS

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THREAD CLOSURE,  
USING THE SAME PRINCIPLE DIPPING AND  
CLOSING THREADS.

A COMBINATION OF PLASTIC DETAILS –  
INSPIRATION FROM WIRE ENDS



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**PRODUCT DESIGN.**



**THANK  
YOU**

Dorin Sasson

LOOP  
LOOP  
LOOP

**PRODUCT DESIGN.**



**BERAFOOT**

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LOOP  
LOOP  
LOOP