



MEET beLEAF™

beLEAF™

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Technical Data Sheet

**UNIT PRICE:**

Per Square Foot;

SOURCE:

Sustainable Farms and Reforestation Areas virtually anywhere in the world.

SIZE:

1,0 sq-ft to 2,0 sq-ft (per leaf);

THICKNESS: 0,50mm;

TANNING: 100% Organic Process;

FINISHING:

Matte, Semi-Shine, Shine, and Glam.

APPLICATIONS:

Bags, Shoes, Garments, Accessories, Furniture, interior design and Architecture.

COLORS:

1- 10 Colors - According to the Catalog;

2- Special/ exclusive colors are only available through collaborations

PRODUCT NAME:

beLEAF™

RAW MATERIAL:

Elephant Ear Plant (Alocasia Macrorrhiza)

ORIGIN:

Vegetable / Vegan

BREATHABILITY:

Works with ambient Temperature and Humidity



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COLOR CARD

Cranberry



Chili



Coral



Sierra



Artisan's Gold



Natural



Military Olive



Mustang



Jet Black



Navy Peony



Other Finishes:



Matte



Shine



Glam

Complete Catalog

www.webeleaf.com.br/en/catalog

beLEAF™ PANELS

Panel sizes range from 1 square meter and are available in colors SIERRA, MUSTANG, MILITARY OLIVE, CORAL, and JET BLACK MATTE. Further customization is possible with finish options in SEMI-SHINE, SHINE, and FASHION.



Mustang

Coral

Sierra

Military
Olive

Jet Black

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MOUSAIKON



Developed after years of research, the patented Mousaikon technology allows various materials or leathers to be welded together, creating large, continuous surfaces and expanding application horizons. This pioneering method enables the creation of larger and more expansive pieces of beLEAF, suitable for fashion, architecture, and design, while maintaining both aesthetic and technological quality.

Mousaikon technology's versatility also applies to various leathers like pirarucu and salmon, revolutionizing fashion and luxury with innovative and sustainable solutions.



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Reforestation



Our beLEAFs are cultivated on reforestation farms and within agroforestry systems, where we not only grow Elephant Ear leaves but also foster an environment for diverse vegetation and food crops. This practice enhances soil fertility and local biodiversity, transforming previously degraded areas into fertile origins of beauty and life.

Each leaf and crop grows in harmony with the surrounding environment, respecting natural cycles. Additionally, our beLEAFs can be planted in family farming systems, promoting sustainable and inclusive agricultural practices, and allowing small-scale farmers to join our vision for a greener future.



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DEVELOPMENT PROCESS

Our team, pioneers of the first organic tannery in the world, has spent the past 16 years developing an organic transformation process with the lowest consumption of resources and water, which we call L.I.V.E. (Low Input Vast Effect).

L.I.V.E. is the guarantee that the inputs used are 100% free from harmful chemicals.

beLEAF™ has a 100% organic tanning process, without heavy metals. The main tanning agent is vegetable oil.

An organic and sustainable process. The solid waste turns into compost and compost-rich water is used directly for irrigation.

This guarantee a safe and friendly process for the environment and our professionals.

beLEAF™ technology is an organic process applied to the “*Elephant Ear*” plant leaf to create a vegan material alternative to leather, an unprecedented product able to appear right next to the most beautiful leathers and ecological fabrics.

CHARACTERISTICS, CARING, AND CONSERVATION

The material has characteristics very similar to leather, with a notable difference that the CO2 emission of its manufacturing process is compensated by the carbon absorption of planting and leaf growth. **beLEAF™** is one of the most sustainable options available today.

Unlike most other leather alternative products of vegetable origin, **beLEAF™** is the leaf itself. It is not created by mixing fibers and polymers, which maintains the beauty of the real leaf look, its texture, and its natural shape.

BREATHABILITY: **beLEAF™** is the evolution of sustainable materials. 100% leaf product, **beLEAF™** breathability is unmatched by any material in the market. Due to its natural characteristics, avoid extreme humidity and direct sun exposure.

LIGHT FASTNESS/RESISTANCE: Significant sun exposure or strong light bulbs can cause color fading and/or localized staining, due to its organic process and dyeing with biodegradable organic inputs.



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CLEANING: Dry flannel for surface cleaning. Gently moistened for heavier cleaning. Do not use chemicals.

MAINTENANCE: On MATTE **beLEAF™** versions, we advise using periodically a natural wax, with a matte and transparent finish to preserve and protect the surface of the material.

FINISHING: Small loss of brightness intensity is normal in cold and humid environments and also after excessive handling.

STORAGE: Preferably in dry airy places with a low incidence of light.

DURABILITY: Compared to bovine leather, **beLEAF™** has the same durability standards, but with the essential difference that at the end of its cycle, being biodegradable, **beLEAF™** will reintegrate with nature at a much higher speed and without any contamination of heavy metals.

COLOR AND BURNING DIVERGENCE: **beLEAF™** is dyed with biodegradable organic inputs.

Small color and visual pattern differences are expected and considered normal due to its organic tanning process while respecting the individual characteristic of each leaf.

LINING: The leaf is very thin as a raw material (the leaf as it is harvested) and the lining gives the resistance needed without compromising its appearance or beauty.

LINING COMPOSITION OPTIONS:

(1) 100% ORGANIC COTTON

(2) 100% RECYCLED MICROFIBER

80.0% polyester + 20.0% polyamide

Colors - White or Black (available only in the color jet black).

FINISHING COMPOSITION: The composition of the material used in the finishing consists of 72.50% renewable sources, which include vegetable PUs, natural waxes, and latex, and 27.50% non-renewable sources, which include oil-based products. Since the finishing represents only 10% of the final mass of **beLEAF**, this means that oil-based products account for less than 3% of the total composition. The goal is to reduce the percentage of non-renewable sources in the finishing, aiming to achieve a 100% sustainable material in the future.



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AROUND THE WORLD

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Loewe



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Louboutin



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Misci



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Christopher Esber



CHRISTOPHER ESBER



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Lenny Niemeyer



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Botter



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João Maraschin

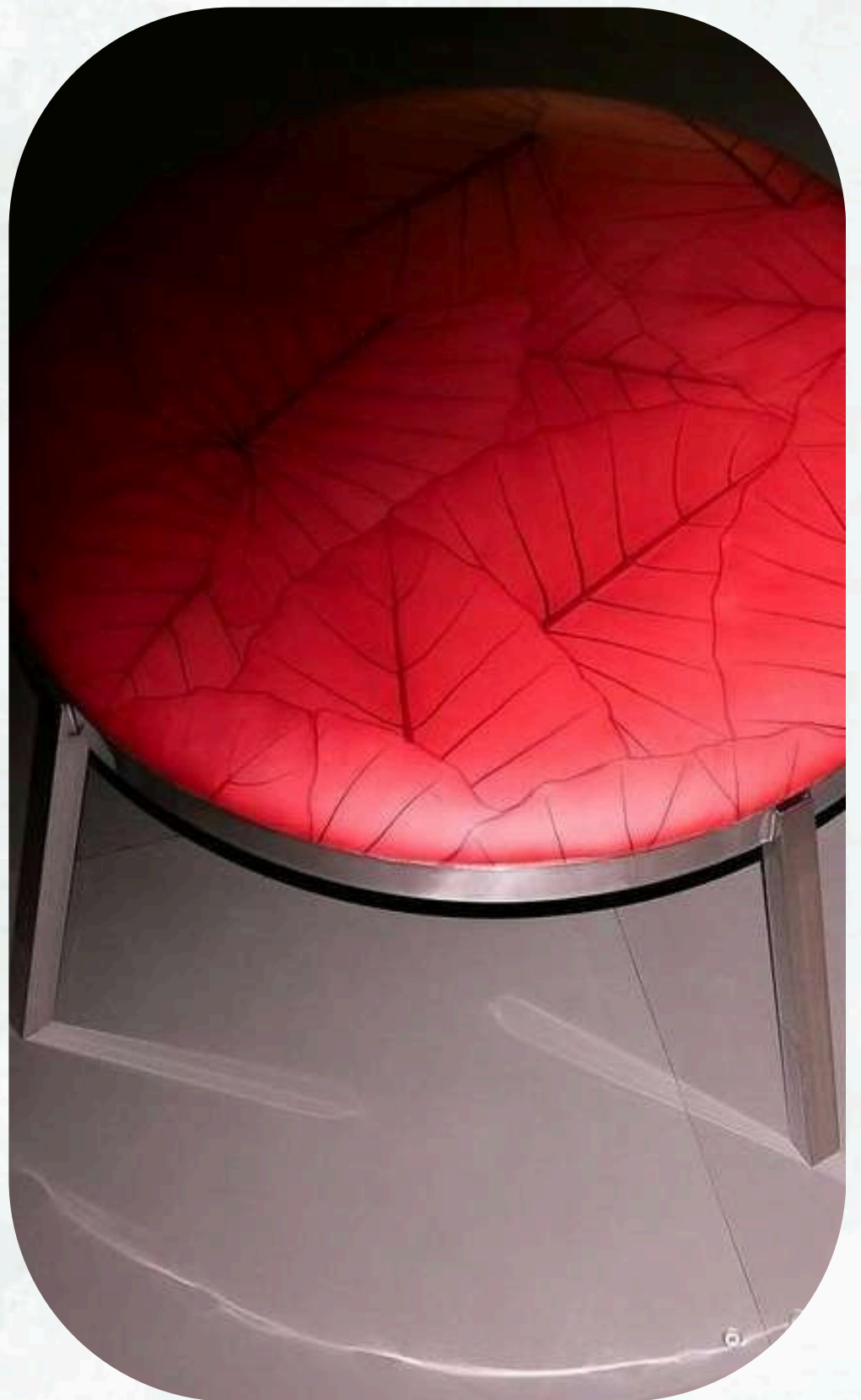


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Furf



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Luxe pour Maison

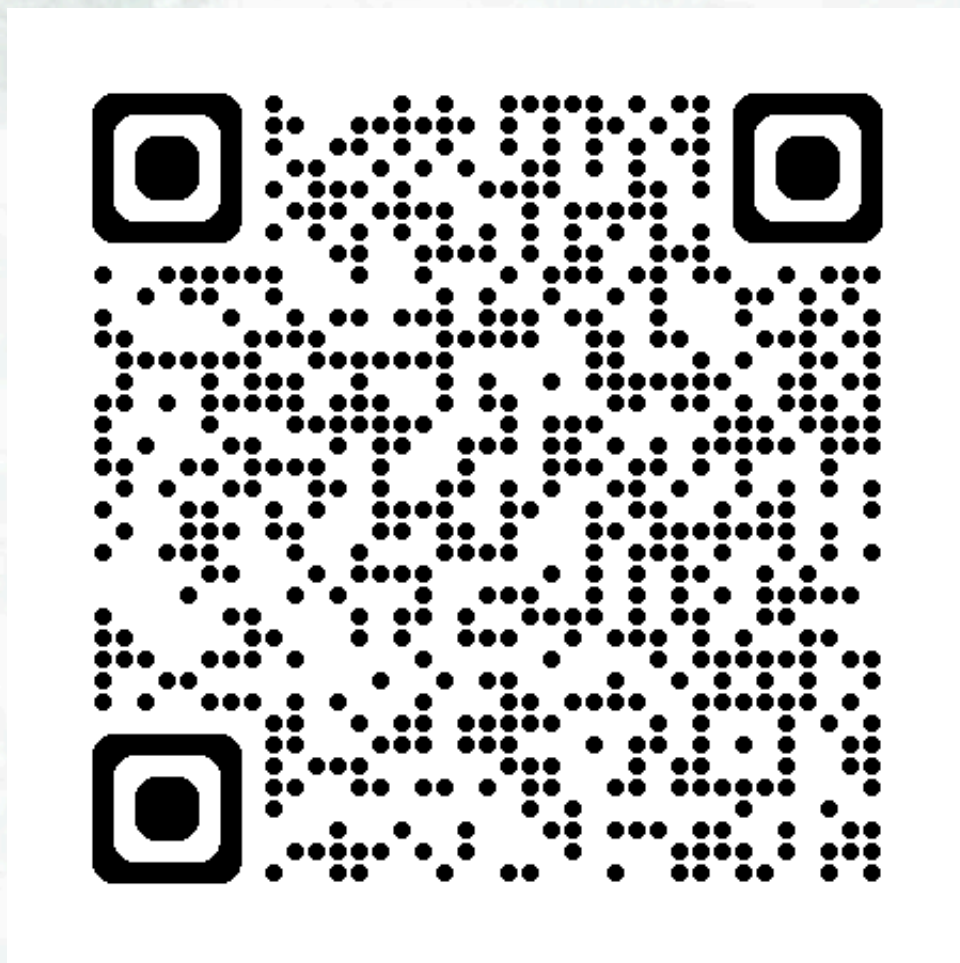


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