



 **TERRATAN**

*The Future of Sustainable Luxury*

PREMIUM PLANT-BASED LEATHER ALTERNATIVE



## The Innovation Story

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At Bharat Biomaterials, we are redefining material science by turning agricultural residue into luxury. Terratan™ is born from the upcycling of abundant agri-waste, such as sugarcane bagasse, rice paddy, and wheat husk.

Our proprietary technology transforms these raw plant fibers into a sophisticated leather alternative that compromises neither on aesthetics nor performance. By bridging the gap between nature and technology, we offer a solution that reduces agricultural burning while providing a premium material for the conscious market.

*"Where agricultural heritage  
meets modern luxury  
innovation."*

### CORE PHILOSOPHY

- Circular Economy Integration
- Reduction of Carbon Footprint
- Preservation of Animal Life
- Supporting Local Agriculture



100% ANIMAL  
FREE



PLANT BASED



FULLY  
CUSTOMIZABLE



EASILY  
INTEGRABLE



PLASTIC FREE

*Luxury, Reimagined*

Where sustainability becomes a statement

# In-Stock Specifications

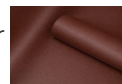
Our core inventory features material optimized for immediate application in fashion and upholstery. Terratan™ is available in roll to roll format. These specifications represent our standard high-performance blend.

Parameter	Specification
Thickness	1.2 mm (± 0.1 mm)
Backing Material	100% Knitted Cotton
Bio-Based Content	> 72%
Texture	Free Port (Natural Grain)
Roll Width	1.2 metres

## AVAILABLE COLORS

We currently hold stock in three classic, versatile shades designed to complement premium aesthetics:

- **Midnight Black:** A deep, rich tone for modern elegance.
- **Chestnut Brown:** A warm, classic leather tone.
- **Saddle Tan:** A lighter, earthy brown ideal for casual luxury.



## Technical Excellence

Terratan™ is engineered for durability. Our rigorous testing ensures that choosing sustainability does not mean compromising on strength or longevity.

Physical Property	Test Method	Performance Value
Tensile Strength	ISO 1421	470 N/5cm
Martindale Abrasion	ISO 12947-2	> 150,000 Cycles
Flexing Endurance	ISO 5402	> 60,000 Cycles

# Texture Possibilities

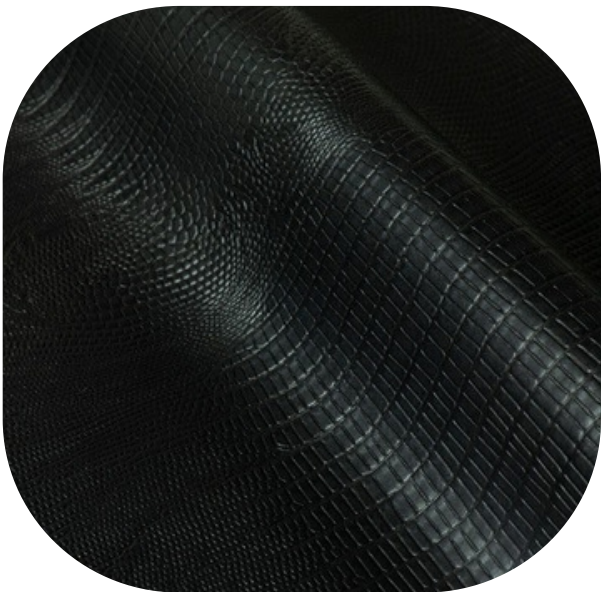
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**Velvet Smoke**



**Bufalino**



**Lizard**



**Freeport**

*And many more...*

## Customization Capabilities

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We understand that every brand has a unique identity. Terratan™ is engineered to be a flexible medium for your creativity. We offer "Fully Customizable" solutions across four key dimensions:

### 1. COLOR MATCHING

Beyond our stock colors, we can match specific Pantone shades to align perfectly with your seasonal collections.

### 2. TEXTURE VARIATIONS

From smooth calf-skin finishes to deep pebbled grains or exotic embossments, the surface texture can be tailored to your design language.

### 3. THICKNESS PROFILES

We can adjust the gauge (thickness) to suit delicate small leather goods or robust furniture upholstery.

### 4. BACKING MATERIALS

Choose from organic cotton, recycled polyester, or specific technical fabrics depending on the required drape and strength.

\*Customisations are subject to a MOQ of 300 metres

## Industry Applications

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The versatility of Terratan™ makes it the material of choice for diverse industries seeking sustainable transition.

### FASHION & APPAREL

Ideal for jackets, belts, and structured garments requiring a soft hand-feel and drape.

### FOOTWEAR

Engineered to withstand the high-flex requirements of shoe uppers while providing breathability.

### UPHOLSTERY & FURNITURE

High abrasion resistance makes it perfect for sofas, chairs, and commercial interior design projects.

### AUTOMOTIVE INTERIORS

Meeting rigorous standards for durability and UV resistance for seat covers and dashboards.



*Performance Meets Purpose*

Where innovation adapts to your vision

## Certifications

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SGS BETA CERTIFIED

PETA APPROVED VEGAN

REACH COMPLIANT



Our commitment to sustainability is backed by rigorous third-party verification. By utilizing agricultural residues, we divert waste from landfills and prevent the emissions associated with crop burning.

Terratan™ represents a significant reduction in water usage and carbon emissions compared to traditional animal leather and synthetic PU alternatives, contributing directly to a circular economy model.

## Incubation

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## Recognitions

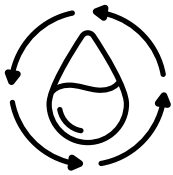
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## Impact

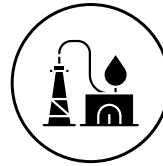
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90% less water usage



70% less emissions



95% less  
petrochemical  
usage



>72% plant based

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BIOMATERIALS

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