

Eucalyptus

PLANT LEATHER

54 colour references. Eight grain textures. One considered route from material exploration to product development.

01 / MATERIAL

Explore the collection.

A eucalyptus-based leather alternative presented for B2B material review.



MATERIAL	Eucalyptus-derived plant-based leather alternative
COLOUR LIBRARY	54 shades
GRAIN LIBRARY	8 textures
BACKING OPTIONS	Backing varies by construction and is pending supplier confirmation.

Technical figures are supplier-provided and apply only to named or tested variants. Request applicable reports and physical samples before specifying.

54 shades.

Colour references are approximate and should be confirmed against physical swatches.



01 Macademia



02 Light Beige



03 Soft Taupe Beige



04 Beige



05 Tofu



06 Coventry Grey



07 Light Grey



08 Baby Blue



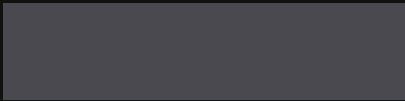
09 Cobalt Blue



10 Ultra Violet



11 Midnight Blue



12 Limo Scene



13 Navy Blue



14 Dune



15 Orange Clown Fish



16 Orange



17 Salmon



18 Cloud



19 Pastel Yellow



20 Mango Mint



21 Desert Bronze



22 Mustard Yellow



23 Pastel Green



24 Olive Green



25 Verdé



26 Leaf Green

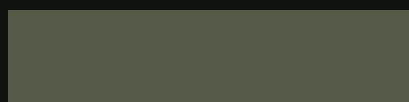


27 Sage Olive

02 / COLOUR LIBRARY · 2 OF 2

54 shades.

Colour references are approximate and should be confirmed against physical swatches.



28 Bronze Green



29 Kelly Green



30 Water Leaf



31 Fig



32 Moonracker



33 Orchid



34 Azalea



35 Misty Rose



36 Dusty Pink



37 Dusty Rosewood



38 Pink Sherbet



39 Cerise Pink



40 Red Tulip



41 Victorious Red



42 Burgundy



43 Pompein Red



44 Henna Brown



45 Charcoal Brown



46 Olive Brown



47 Cream Tan



48 Light Brown



49 Topaz



50 Mocha Mousse



51 Rich Tan



52 Cognac Tan



53 Medium Tan



54 Chocolate Brown

03 / GRAIN LIBRARY · 1 OF 2

Eight textures.

Images are grain references from the supplied collection.



Superfine



PDM



Haircell Fine

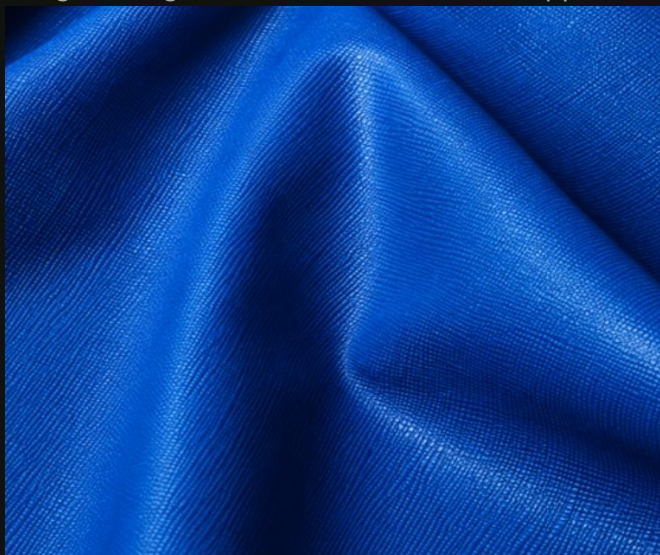


Saffiano

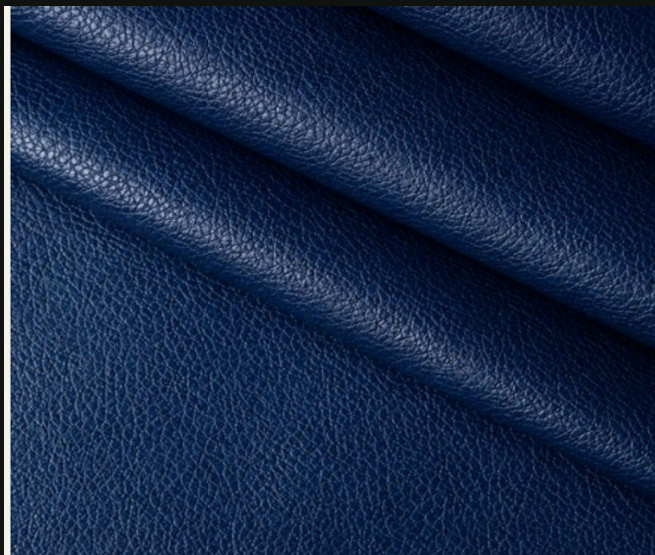
03 / GRAIN LIBRARY · 2 OF 2

Eight textures.

Images are grain references from the supplied collection.



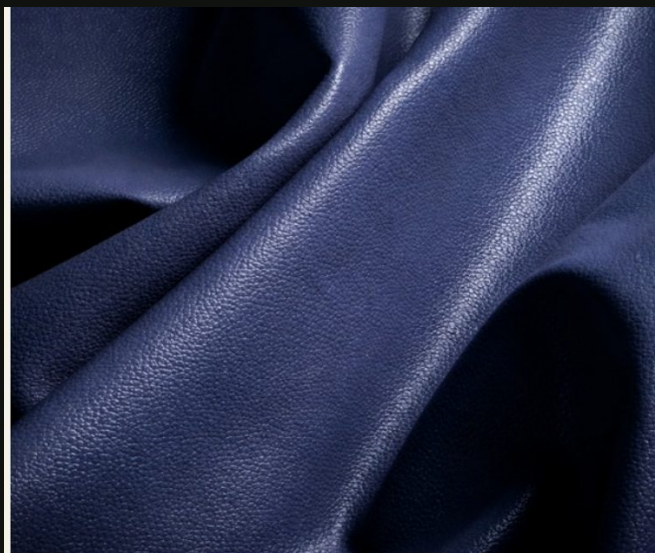
YDM



GOAT



REPTILE



FOIL

04 / APPLICATIONS

Potential uses.

Discuss construction and testing against your specific end use.

01

Handbags & Accessories

Wallets, belts, totes, clutches and fashion accessories.

02

Footwear

Pliora with Superfine grain is the supplier-recommended option for shoe uppers and sneakers. Supplier states this variant is not breathable; assess suitability for the intended construction.

03

Fashion & Apparel

Jackets, belts and structured garments; validate drape and care.

04

Upholstery & Furniture

Sofas, chairs and cushions; validate abrasion and fire requirements.

05

Automotive Interiors

Seat covers, dashboards and trims; validate OEM, UV and durability standards.

06

Lifestyle & Luxury

Duffles, backpacks, laptop bags and selected premium goods.

05 / FOOTWEAR EVALUATION

Footwear construction.

Supplier-stated specifications for the recommended footwear variant. Confirm against the final sample.

RECOMMENDED CONSTRUCTION

Plora variant with Superfine grain, as recommended by the supplier for footwear. Exact composition and biobased-content wording are pending supplier confirmation.

THICKNESS & WEIGHT

0.9–1.1 mm; approximately 750 GSM (supplier-stated for footwear).

SHEET FORMAT

60 × 25 inches (supplier-stated).

BREATHABILITY

Supplier states the recommended footwear variant is not breathable. No measured water-vapour permeability result was supplied.

FLEX

100,000 cycles in supplier in-house testing; method, conditions and post-test observations were not supplied.

SAMPLES

Made to order. Supplier-stated sample turnaround is approximately 7–14 days, depending on the sample or swatch format. Confirm timing for each request.

COMMERCIAL ORDERS

Supplier-stated minimum 50 sq ft, lead time 21–28 days and capacity approximately 5,000 sq ft/day; confirm availability and terms for each order.

06 / SUPPLIER-PROVIDED TEST SUMMARY

Test results in context.

Supplier-provided third-party test records; each result applies only to the tested variant.

These figures are transcribed from supplier-provided third-party test records. Each result applies only to the named or tested variant and must not be generalised across the complete collection.

Auto — Abrasion performance

Results below apply to the tested Auto sample.

DRY ABRASION — ISO 17704:2004

Slight abrasion without discolouration after 473,000 revolutions.

WET ABRASION — ISO 17704:2004

Slight abrasion without discolouration after 12,800 revolutions.

TABER ABRASION — ASTM D3884:2022

No damage after 4,000 cycles; colour-change rating Grade 4–5.

Mechanical and colourfastness performance

Results below apply to the tested Plora sample.

PAINT-FILM ADHESION — TSL 5101G:2013

100.35 N/25 mm longitudinal and 157.36 N/25 mm lateral.

BREAKING STRENGTH — ISO 17706:2003

7.9 N/mm and 14.7 N/mm in the two tested directions.

ELONGATION

167.70%.

06 / SUPPLIER-PROVIDED TEST SUMMARY

Test results in context.

Continued. Results apply only to the named or tested variant.

TEAR STRENGTH — TSL 5101G:2013

182.26 N.

DRY AND WET RUBBING — ISO 11640:2018

Grades 4-5.

PERSPIRATION COLOUR CHANGE — ISO 105 E04:2013

Grade 4.

PERSPIRATION STAINING

Grades 4-5.

WATER SPOTTING

No visible change after 30 minutes; Grade 4-5 after 16 hours.

Aethera — Biobased-carbon and polymer screening

Results below apply only to the tested Aethera sample.

BIOBASED CARBON — ASTM D6866

100% biobased carbon as a fraction of the total organic carbon in the tested sample.

POLYURETHANE SCREENING — SGS FTIR

Polyurethane was not detected in the tested sample.

PVC SCREENING — SGS FTIR

PVC was not detected in the tested sample.

These sample-specific results do not establish the total material composition and must not be applied to Auto, Plora or every other construction.

07 / MATERIAL EVALUATION

Make an informed choice.

The technical figures shown above are drawn from supplier-provided third-party test records and apply only to the named or tested variants. The exact eucalyptus-derived input percentage, total biobased content of each commercial construction, backing composition and complete polymer or binder composition remain pending supplier confirmation. Emissions and water-saving figures have not been independently substantiated for publication. Compostability testing is stated to be in progress; therefore, no certified compostability or biodegradability claim is made. The Aethera biobased-carbon and PU/PVC screening results must not be applied to Plora, Auto or other constructions. Buyers should request the applicable reports, physical samples and confirmed commercial terms before specification.

SAMPLES / CUSTOM COLOURS / BULK ENQUIRIES

Discuss your material requirement with HappiGreens. We coordinate technical review, sampling and sourcing with relevant suppliers.

DISCUSS A REQUIREMENT

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