

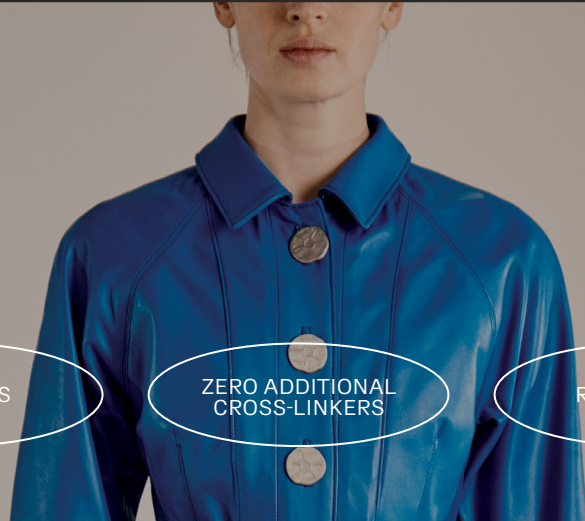
Activated Silk™

*EVOLVED BY NATURE™

L1

Biofinishing
System

PREMIUM CARBON-REDUCTIVE LEATHER FINISHING



SIGNIFICANT CO₂
REDUCTION

ZERO PFAS

ZERO ADDITIONAL
CROSS-LINKERS

REDUCED PU

75% BIOBASED
After removal of solvents.

WE BELIEVE LEATHER SHOULD BE CARBON FREE

...and plastic free... and free of other harmful chemicals, like PFAS and cross-linkers, that can cause cancer and end up staying for hundreds of years in our oceans, air, food and bodies. We're well on our way to removing all of them.

When you finish leather with **Activated Silk™ technology** – which is natural – you achieve the highest quality leather, while reducing your carbon emissions with every square foot you finish. **Activated Silk™ L1 biofinish** is made from sustainable **Activated Silk™ biotechnology** instead of harmful petrochemicals.





2 MILLION
AND
CHANGE

2 MILLION AND CHANGE

When you replace petrochemical finishing with **Activated Silk™ L1 biofinish**, you contribute to a **2 million kg carbon reduction** by 2026.

Activated Silk™ L1 has the power to reduce CO₂ by

2M Kilos

BY 2026

Activated Silk™ L1 Topcoat

82%

REDUCTION
IN CO₂*

Activated Silk™ L1 Full System

53–66%

REDUCTION
IN CO₂*

Switching to **Activated Silk™ L1** achieves:

2.15–4.7

METRIC TONS
REDUCTION
IN CO₂**

*Numbers are based on average energy consumption rates in Italy. Numbers may vary per location but reductions are significant. Varies based on application method – reduction comes from the innovative topcoat formulation with less solids and big energy reduction.

**Per 1 mil finished sq ft, depending on application.

L1

Biofinishing System

A FORCE OF NATURE

STAIN RESISTANCE

0 Days

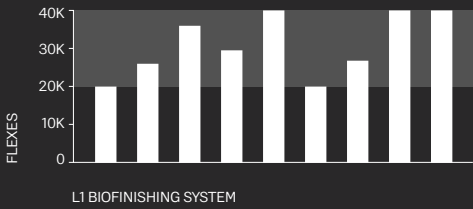


10 Days

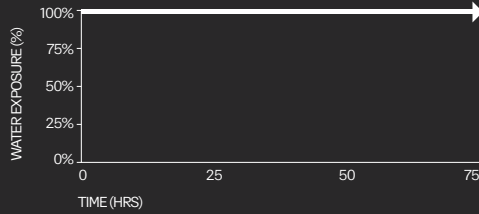


Activated Silk™ L1 outperforms your existing petrochemical finishing. In testing, water repellency was consistent across leather types with **Activated Silk™ L1 biofinishing**. No marks or stains under any duration of exposure or compression. Yup, you read that right. **Activated Silk™ L1** also outperformed regular finishing products on almost every other metric.

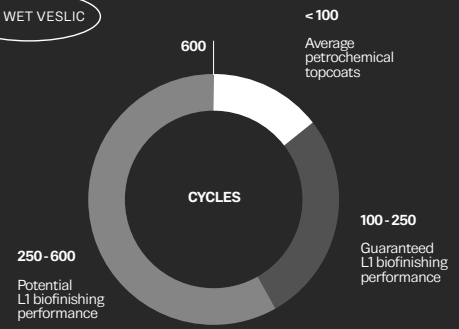
BALLY FLEX



WATER RESISTANCE



CFR WET VESLIC



Stain Resistance Note: Finished leather was tested using the AATCC 130 and ISO 14419-2010 test methods: AATCC 130: Soil Release Oily, ISO 14419-2010: Oil Resistance, Hydrocarbon Resistance Test.

L1

Biofinishing
System

PERFORMANCE YOU CAN SEE QUALITY YOU CAN FEEL



Activated Silk™ L1 is a biodegradable system specifically designed to raise the look and feel of any leather articles; from luxury lifestyle to mass market, whatever you make, you can make better.



Top Coat

Zero PFAS

Zero Added Cross-Linkers Required

0 PU

Biodegradable

(comprehensive testing underway)



Base Coat

Zero PFAS

Zero Added Cross-Linkers Required

Reduced PU

Biodegradable

(comprehensive testing underway)



Auxiliaries

To achieve desired look and feel for any type of leather.

IN SERVICE OF THE PLANET

SUSTAINABILITY CLAIMS FOR YOUR BRAND



Superior Performance

Equals longer lasting leather.



Naturally Derived

Your leather is finished with natural Activated Silk™ technology.



75% Biobased*

*After removal of solvents based on testing standards.



Biodegradable* Topcoat and Basecoat

*Comprehensive testing underway.



CO₂ Reduction

Finished leather per square foot.



Reduced PU

Almost plastic-free leather.



ZDHC Level 1

Achieved in 2023.



Made from Sustainable Activated Silk™ Biotechnology

ACTIVATED SILK™ BIOTECHNOLOGY QUALIFIED CLAIMS



Circular Economy

Activated Silk™ biotechnology contributes to a circular economy.



Cruelty Free

Activated Silk™ biotechnology is cruelty free.



Sustainable*

*Activated Silk™ biotechnology contributes to 8 of 17 United Nations Sustainable Development Goals



Renewably Sourced

Activated Silk™ biotechnology is renewably sourced using renewable energy.

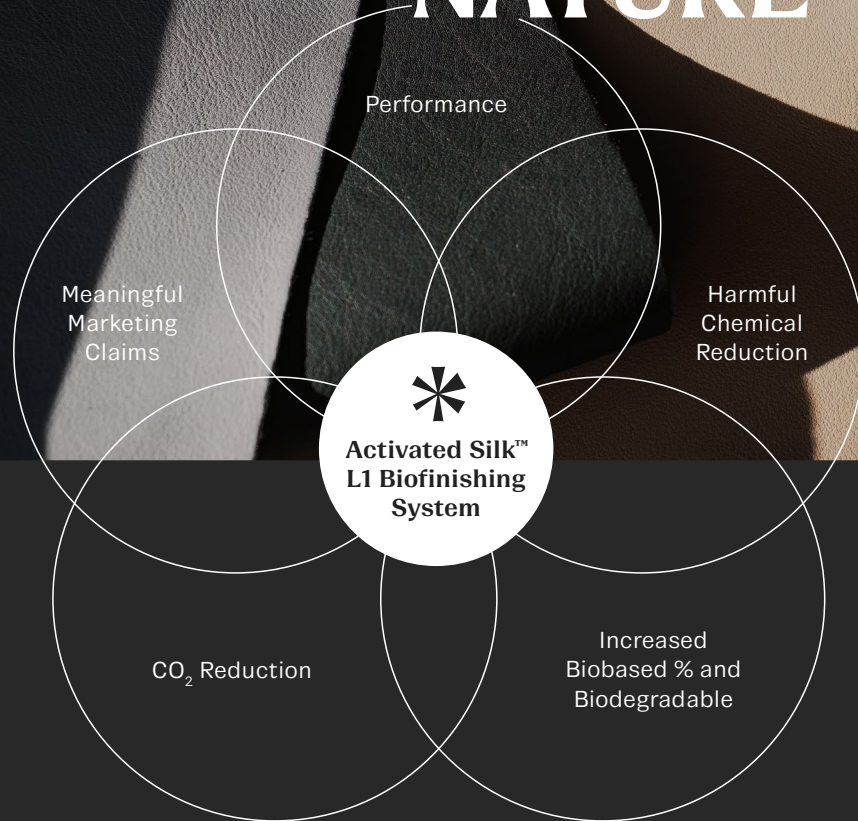


L1

Biofinishing System

SUPPLIED BY NATURE

Activated Silk™ L1 kits are made in Italy. Proprietary biotechnology is developed and manufactured in the US and Italy. Evolved By Nature has development, technical and marketing support facilities in Santa Croce, Italy and Bangkok, Thailand.





Jonathan Cohen X Evolved By Nature | Liquid Blooms

* **EVOLVED BY NATURE™**

We believe the next generation of products should advance the health of people and the planet. And we're creating the molecules to make it happen.