

ENVIRONMENTAL PRODUCT DECLARATION



In accordance with ISO 14025 for
ANILINE/FINISHED LEATHER
from **FINCO 1865 S.P.A.**

PROGRAMME:

The International EPD® System
www.environdec.com

EPD REGISTRATION NUMBER:

S-P-07845

PROGRAMME OPERATOR:

EPD International AB

PUBLICATION DATE:

December 21, 2022

VALID UNTIL:

December 21, 2027

An EPD should provide current information and may be updated if conditions change.
The stated validity is therefore subject to the continued registration and publication at
www.environdec.com

PROGRAMME INFORMATION

Programme

The International EPD[®] System

EPD International AB
Box 210 60
SE-100 31 Stockholm
Sweden

www.environdec.com
info@environdec.com

EPDs within the same product category but from different programmes may not be comparable.

Product category rules (PCR): Finished bovine leather, 2011:03, version 3.01, UN CPC 2912

PCR review was conducted by: The Technical Committee of the International EPD[®] System;
Chair of the PCR review: Maurizio Fieschi, info@environdec.com

Independent third-party verification of the declaration and data, according to ISO 14025:2006:

- ☐ EPD process certification
- ☒ EPD verification

Verified Accreditation Body: Epsten Group, Inc.
101 Marietta St. Suite 2600, Atlanta, GA 30303
Accredited by: EPD International AB

Procedure for follow-up of data during EPD validity involves third party verifier:

- ☐ Yes
- ☒ No

The EPD owner has the sole ownership, liability, and responsibility for the EPD.

COMPANY INFORMATION

Owner of the EPD

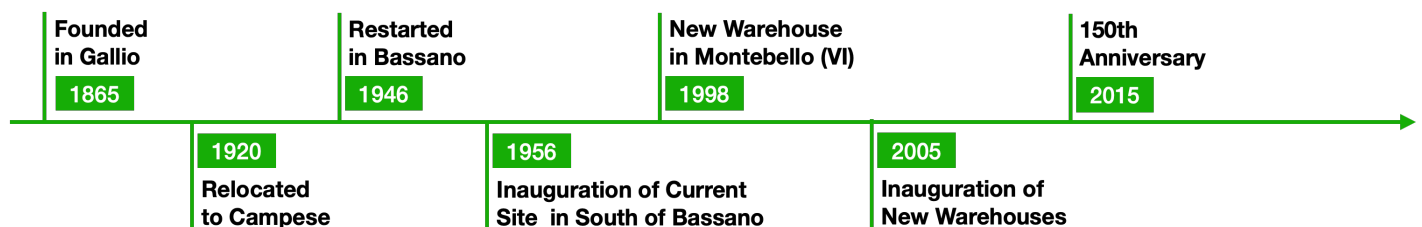
Finco 1865 S.P.A.

rocco.finco@finco1865.it

Via S. Rocco
 120, 36061
 Bassano del Grappa VI
 Vicenza, Italy

Company Description

Tradition, Quality and Reliability are the three words which best describe us. Celebrating over 150 years of History, Conceria Bernardo Finco is the oldest tannery in Italy to be still family run, having recently arrived at its sixth generation. The foundation of Conceria Bernardo Finco is officially dated 1865 in Gallio (Vicenza province), in the suggestive mountains of Asiago plateau, even though reports highlight those tanneries around the area were already active from the 18th Century. The group today is active in both production and sales of bovine leather. Destinations include, for the largest part, upholstery and hospitality/ho.re.ca. sectors, as well as shoe leather, leather garments and automotive as after-market. Characteristics of our products are the exclusively European origin of hides and the commitment for high quality; hence the upper market placement, in the name of reliability and at a competitive price. This is evident in those pure aniline and full grain articles, especially for the waxed and oiled hides, which bear the characteristic "pull-up" effect, very appreciated in the top segments. The markets covered by Finco tannery are mainly North American, Far East and European as well as national market; however long running exchanges have been active in all continents.



Name and Location of Production Site

The Aniline/finished Leather is produced in the Finco 1865 S.P.A. plant located in Bassano del Grappa VI, Vicenza, Italy.

PRODUCT INFORMATION

Product Name

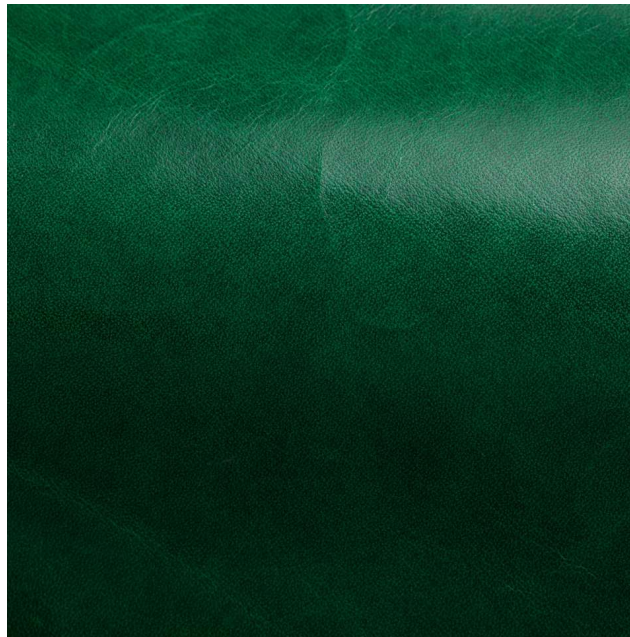
Aniline/finished Leather

Product Identification

The product is identified as "Other leather, of bovine or equine animals, furless-CPC 2912", according to CPC (Central Product Classification)

Product Description

This product family aims to develop a rich gloss and opulence on these articles. Thanks to the highest quality of full aniline hides and the brightness added by oils in dyeing and a soft coating in finishing, the smoothness and visual appeal are stunning, fully embracing and highlighting all the hides' natural details. Anilines/Finished articles textural richness and vivid color palettes celebrate visual depth and appeal.



Sample of Montblanc Emerald of this product family

UN CPC Code

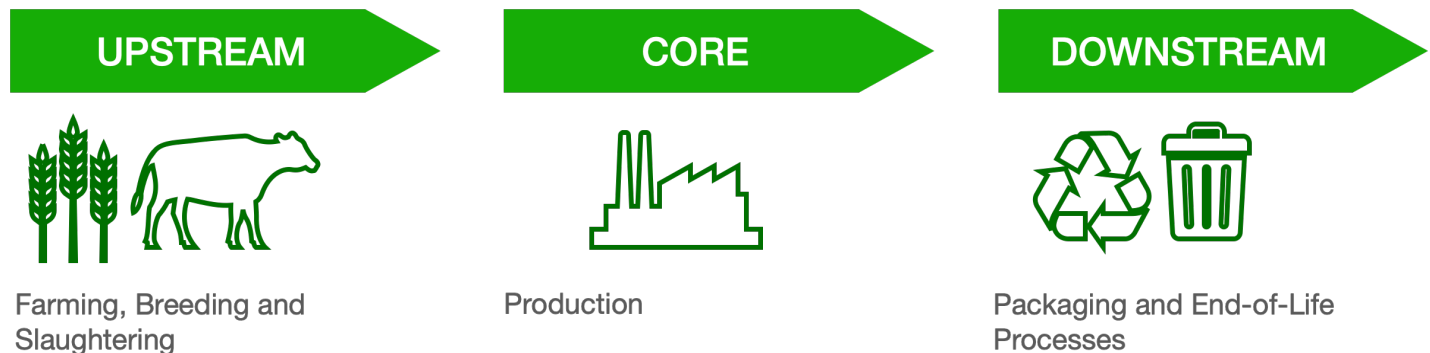
Other leather, of bovine or equine animals, furless- CPC 2912.

Geographical Scope

Global

LCA INFORMATION

Declared unit	The declared unit is the production of 1 m ² of "finished bovine leather", measured according to ISO standard 11646.
Reference flow	1.58 kg/m ²
Product thickness	1.0-1.2 mm (>70%), 1.4-1.6mm (>25%), 0.8-0.9mm or 2.0-2.2mm (<5%)
Time representativeness	2020
Database(s) and LCA Software used	Agrifootprint 5.0, Ecoinvent 3.5, SimaPro Generic data were used for upstream hide production.



System Diagram

UPSTREAM Processes

- Raw materials extraction for farming and cattle breeding
- Farming
- Cattle breeding
- Transportation of animals to the slaughterhouse
- Slaughterhouse
- Production of chemicals and accessories used to manufacture leather
- Production of primary and secondary packaging materials

CORE Processes

- Transportation of raw materials to the production factory
- Electricity and heat energy consumption in the production stage
- Fresh water consumption in the production stage
- Maintenance activities
- Processes required for manufacturing the finished bovine leather
- Emissions to air and water
- Production waste
- Transportation of waste and by-products

DOWNSTREAM Processes

- End-of-life of the packaging used to ship the finished leather

**Description of System Boundaries
(as specified by the PCR)**

Cradle-to-Grave

**Excluded Lifecycle Stages
(as required by the PCR)**

- Transportation of the finished leather to the customer
- Use phase
- End-of-life of the finished product

More Information

 LCA practitioner:
 WAP Sustainability Consulting

CONTENT DECLARATION

Product

Chemicals in finished bovine leather subjected to legal limits. The production of the below substances falls under the upstream life cycle stage, while the use of them in manufacturing occurs in the core life cycle stage. The total of all chemicals is less than 1% of the total mass, by gross weight.

Substance	Units of Measurement (parts per million)	Total	Legal Limits
Chrome	ppm	<3	3 ppm
Formaldehyde	ppm	N.D.	75 ppm
Pentachlorophenol	ppm	N.D.	5 ppm
Azo Dyes	ppm	N.D.	30 ppm

Packaging

Distribution packaging of the finished product.

Material	Unit	Quantity	Recycled content
Wood pallet	kg/m ²	0.152	Not applicable
Cardboard box	kg/m ²	0.073	Not specified
Paper documentation	kg/m ²	0.017	Not specified
PE film	kg/m ²	0.008	Not specified

ENVIRONMENTAL PERFORMANCE



Potential Environmental Impact [EN 15804+A2]

Parameter		Unit	Upstream	Core	Downstream	TOTAL
Global Warming Potential (GWP)	Fossil	kg CO ₂ Eq.	13.3	1.42	0.00321	14.7
	Biogenic	kg CO ₂ Eq.	0.0913	0.0577	7.98	8.13
	Land Use and Land Change	kg CO ₂ Eq.	0.765	0.000189	9.40 x 10 ⁻⁷	0.765
	TOTAL	kg CO ₂ Eq.	14.1	1.48	7.99	23.6
Acidification Potential (AP)		mol H ⁺ Eq.	0.593	0.00342	0.0000184	0.596
Eutrophication Potential (EP), Freshwater		kg P Eq.	0.00245	0.000195	4.38 x 10 ⁻⁷	0.00264
Eutrophication Potential (EP), Marine		kg N Eq.	0.218	0.00231	0.0000624	0.220
Eutrophication Potential (EP), Terrestrial		mol N Eq.	2.56	0.00733	0.0000683	2.57
Formation Potential of Tropospheric Ozone (POCP)		kg NMVOC Eq.	0.0539	0.00230	0.0000235	0.0563
Ozone Depletion Potential (ODP)		Kg CFC 11 Eq.	5.67 x 10 ⁻⁷	1.50 x 10 ⁻⁷	6.83 x 10 ⁻¹⁰	7.17 x 10 ⁻⁷
Abiotic Depletion Potential (ADP) - Elements		kg Sb Eq.	0.000138	3.28 x 10 ⁻⁶	2.17 x 10 ⁻⁸	0.000141
Abiotic Depletion Potential (ADP) - Fossil Resources		MJ, net calorific value	129	19.5	0.0509	148
Water Deprivation Potential (WDP)		m ³ , Eq.	24.5	-2.87	0.00220	21.7

Use of Resources

Parameter		Unit	Upstream	Core	Downstream	TOTAL
Primary Energy Resources – Renewable	Used as Energy Carrier	MJ, net calorific value	104	1.29	0.000793	105
	Used as Raw Materials	MJ, net calorific value	0	0	0	0
	TOTAL	MJ, net calorific value	104	1.29	0.000793	105
Primary Energy Resources – Non-Renewable	Used as Energy Carrier	MJ, net calorific value	129	19.5	0.0509	148
	Used as Raw Materials	MJ, net calorific value	0	0	0	0
	TOTAL	MJ, net calorific value	129	19.5	0.0509	148
Secondary Material		kg	0	0	0	0
Renewable Secondary Fuels		MJ, net calorific value	0	0	0	0
Non-Renewable Secondary Fuels		MJ, net calorific value	0	0	0	0
Net Use of Fresh Water		m³	0.646	-0.0670	0.0000534	0.579



Waste Production

Parameter	Unit	Upstream	Core	Downstream	TOTAL
Hazardous Waste Disposed	kg	0.000265	0.0000305	7.78×10^{-8}	0.000296
Non-Hazardous Waste Disposed	kg	0.928	0.101	0.233	1.26
Radioactive Waste Disposed	kg	0.00358	0.0000191	3.09×10^{-8}	0.00360

Output Flows

Parameter	Unit	Upstream	Core	Downstream	TOTAL
Components for Reuse	kg	0	0	0	0
Material for Recycling	kg	0	0.363	0	0.363
Materials for Energy Recovery	kg	0	0	0	0
Exported Energy, Electricity	MJ	0	0	0	0
Exported Energy, Thermal	MJ	0	0	0	0

REFERENCES

- General Programme Instructions of the International EPD® System. Version 3.01.
- PCR 2011:03. Finished Bovine Leather. Version 3.01
- ISO 11646:2014, Leather - measurement of area
- Agri-footprint version 5.0
- Ecoinvent version 3.6
- EN 15804+A2, CEN 2019.