

Verlay™

AMERICAS



Certified
Environmental
Product Declaration
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About this product

With a contemporary feel and modern aesthetic Verlay is a collection of thoughtfully designed Wood tables that support teams in any space - from large conference rooms to private offices and every touchdown space in between.

The reference product is VLYRECWL table covering 1.95 m² meaning 0.51 units are required to meet the functional unit of 1 m² of physical floor space for a 10-year period.

Date of Issue: August 26, 2026
Date of Expiration: August 26, 2031

Learn more

- Explore Steelcase environmental philosophy and commitments [overview](#).
- Find product details and sustainability certifications on [product page](#) at steelcase.com.
- See our product [warranty](#).
- Contact epd@steelcase.com for any EPD-related questions or inquiries.

About this document

This declaration describes the Life Cycle Assessment of Verlay™ tables produced for the Americas by Steelcase Inc. in the United States. The assessment is performed according to the ISO standards 14040 (2006), 14044 (2006) and 14025 (2006), and BIFMA PCR for Tables: UNCPC 3812 to generate an EPD for business-to-business communication.

ASSESSMENT OVERVIEW

EPD commissioner	Steelcase® Inc
Corporate Address	901 44th Street SE Grand Rapids, Michigan 49508-7594 United States
Product group	Tables
Product name	Verlay™
Product intended use	Table
Product reference service life	10 years
Reference standards	ISO 14025, ISO 14040, ISO 14044
EPD scope	Cradle-to-grave
EPD number	EPD11321
Date of issuance	August 26, 2026
Date of expiration	August 26, 2031
EPD type	Product specific
EPD Product Coverage	Verlay™ for the Americas market
Intended audience	Business to business (B2B)
Year of reported manufacturer data	2025
Functional unit	One square meter of physical floor space for a reference service life of 10 years
Applicable markets/regions	Americas
LCA software and database version	GaBi 10.6.2.9; GaBi database, 2022.2
LCIA methodology and version number	TRACI 2.1, IPCC AR6
Program administrator	NSF Certification LLC 789 N. Dixboro, Ann Arbor, MI 48105 www.nsf.org
Reference PCR and version number	BIFMA PCR for Tables: UNCPC 3812 (BIFMA PCR, Ext March 2026)
PCR reviewer	Review Panel Chaired by Dr. Thomas Gloria
EPD reviewer	External review conducted by:



Jim Mellentine, Thrive ESG

This declaration and its Life Cycle Assessment was independently verified in accordance with ISO standards 14040 (2006), 14044 (2006) and 14025 (2006), BIFMA PCR for Tables v1 Ext 2026.

LCA reviewer	External review conducted by:
	
	Jim Mellentine, Thrive ESG The product Life Cycle Assessment was conducted in accordance with ISO 14044, and the reference PCR.

Disclaimer	The PCR this EPD was based on was written to determine the potential environmental impacts of a table product from cradle-to-grave. It was not written to support comparative assertions. EPDs based on different PCRs, or different calculation models, may not be comparable. When attempting to compare EPDs or life cycle impacts of products from different companies, the user should be aware of the uncertainty in the results, due to and not limited to, the practitioner's assumptions, the source of the data used in the study, and the specifics of the product modeled.
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ASSESSMENT PARAMETERS

Functional unit

One square meter of physical floor space for a reference service life of 10 years. To fulfill the functional unit, 0.51 units are required.

Product scope

The assessed product is one Verlay™ table with a HPL rectangular top 42 x 72, with a solid wood leg in Maple, standard cable management tray, 2 CC grommets (1usb c, 2 usb a, 1 power) that are hardwired and have a conduit length of 72.

One Verlay™ table is intended for use by up to 6 occupants.



<u>Manufacturing location</u>	<u>Product SKUs</u>	<u>Applicable markets and regions</u>
Grand Rapids, MI	Verlay Tables (style VLYRECWL)	Americas

Assessment goal and scope

The potential environmental impacts of Verlay™ table and its packaging throughout its entire life cycle – including raw materials extraction, production, transport, use, and end of life – were assessed. In the absence of primary information, the GaBi database was used for secondary data.

The life cycle stages included in this assessment follow the BIFMA PCR for Tables: UNCPC 3812. Material acquisition and pre-processing (including transportation), production, distribution, use and end-of-life are assessed for the table product.

For Verlay™ table, no impacts associated with the use of the table are included in the assessment because energy is not required for the use of this table.

Assessment boundary

The Life Cycle Assessment considers the full life cycle of the product from cradle to grave. Life cycle stages included in this assessment follow the BIFMA PCR for Tables: UNCPC 3812.

	Stage	Status
	Cradle to inbound gate	
	MATERIALS ACQUISITION	
	Raw material extraction, pre-processing and transportation of materials to suppliers.	
	A1. Raw material supply	✓
	A2. Transport	✓
	Gate to gate	
	PRODUCTION PROCESS	
	Transportation of furniture components and materials from Tier 1 suppliers to Steelcase final manufacturing facility. External and internal production	
	A3. Manufacturing	✓
	A4. Transport	✓
	A5. Installation	✓
	B1. Use	✓
	B2. Maintenance/cleaning	✓
	B3. Repair	✓
	B4. Replacement	✓
	B5. Refurbishment	✓
	B6. Operational energy use	✓
	B7. Operational water use	✓
	C1. Disassembly	✓
	C2. Transport	✓
	C3. Waste processing	✓
	C4. Disposal	✓
	Gate to grave	
	DISTRIBUTION, USE AND END OF LIFE	
	Distribution of products, installation, use and end of life.	
	Beyond the boundary	
	D. Reuse/recovery	✓

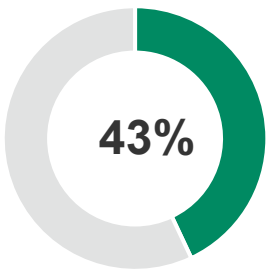
RESULTS

The product composition, packaging composition, recycled content, recyclability visuals, and life cycle impacts below relate specifically to one m² (0.51 units) of the Verlay™ configuration listed above.

Product composition per Functional Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Laminated particleboard	22.183	76.3%	0.4%	0.084	45%	10.054
Steel	4.906	16.9%	22%	1.097	21%	1.006
Plastics	1.573	5.4%	0	0	0	0
Aluminum	0.341	1.2%	26%	0.089	30%	0.102
Other metal	0.089	0.3%	0	0	0	0
Total	29.092	100%	4.4%	1.270	38%	11.162

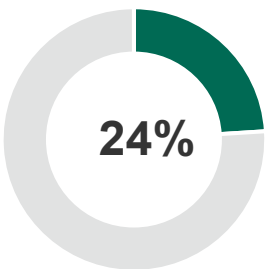
Product packaging composition per Functional Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Cardboard	6.793	88.7%	40%	2.717	0	0
Foam	0.693	9.0%	0	0	0	0
PET	0.124	1.6%	0	0	0	0
Paper	0.050	0.7%	0	0	0	0
Total	7.659	100.0%	35.5%	2.717	0%	0.000

Product recycled content* and recyclability** summary



TOTAL RECYCLED
CONTENT*

*Total recycled content based on supplier's data. The source of recycled content of various materials could be either post-industrial or post-consumer based on market availability.



RECYCLABILITY
BY WEIGHT**

**Recyclability rate is the maximum amount of the product that is recyclable, based on the availability of recycling facilities in the regions and the ability of the product to be disassembled. Per the requirements of the PCR, the end-of-life results presented in this EPD were calculated using the US EPA's Warm Model within the 2020 Municipal Solid Waste Report for parts that can be disassembled. Excludes packaging.

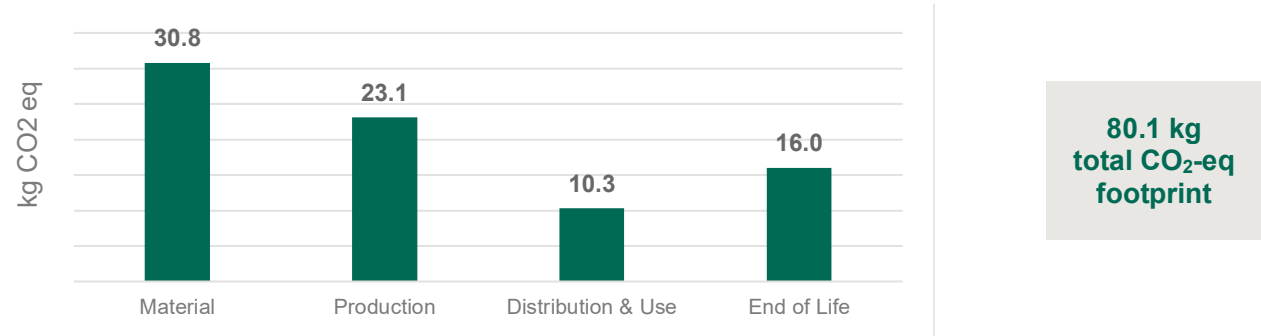
Life cycle impact by category and stage

Environmental impacts were calculated using the GaBi software platform. Impact results according to the BIFMA PCR have been calculated using TRACI 2.2, IPCC AR6 characterization factors. Results presented in this report are for one square meter of physical floor space for 10 years. Additionally, the results are relative expressions and do not predict impacts on category endpoints, the exceeding of thresholds, safety margins, or risks.

	Unit	Life cycle stages				Totals
		A1-A2 Materials acquisition	A3 Production process	A4-B7 Distribution & Use	C1-C4 End of life	
*Global warming potential (100 years) Warming of the atmosphere caused by the global release of greenhouse gases.	kg CO2 eq	3.08E+01	2.31E+01	1.03E+01	1.60E+01	8.01E+01
*Acidification Emissions that increase the acidity of the environment due to various chemical reactions and/or biological activity, or by natural circumstances.	kg SO2 eq	1.45E-01	6.67E-02	5.16E-02	5.08E-02	3.14E-01
*Photochemical ozone creation (Smog) Through various chemical reactions, which occur between nitrogen oxides (NOx) and volatile organic compounds (VOCs) in sunlight.	kg O3 eq	2.01E+00	9.76E-01	1.13E+00	3.60E-01	4.47E+00
*Eutrophication Enrichment of an aquatic ecosystem with nutrients (nitrates, phosphates) that accelerate biological productivity and an undesirable accumulation of algal biomass.	kg N eq	6.16E-02	2.93E-02	4.60E-02	1.83E-02	1.55E-01
*Ozone depletion Reduction of the stratospheric ozone layer due to anthropogenic emissions of ozone depleting substances.	kg CFC-11 eq	4.69E-08	9.51E-11	3.53E-12	2.12E-12	4.70E-08
Primary energy demand Energy consumption at the source.	MJ	8.40E+02	5.26E+02	1.18E+02	1.48E+01	1.50E+03
Net freshwater usage Freshwater used and otherwise not recoverable.	kg	6.15E+02	1.16E+02	5.72E+00	1.73E+01	7.55E+02
Renewable primary resources used as an energy carrier RPRE First use materials from renewable sources with energy content used as a fuel	MJ	3.97E+02	1.10E+02	4.70E+00	1.28E+00	5.13E+02
Renewable primary resources used as material RPRM First use materials from renewable sources with energy content used as a material	MJ	0.00E+00	9.58E+01	0.00E+00	0.00E+00	9.58E+01
Non-renewable primary resources used as an energy carrier First use materials from non-renewable sources with energy content used as a fuel	MJ	3.74E+02	2.85E+02	1.13E+02	1.35E+01	7.86E+02
Non-renewable primary resources used as material First use materials from non-renewable sources with energy content used as a material	MJ	6.89E+01	3.49E+01	0.00E+00	0.00E+00	1.04E+02
Recovered electrical energy (EEE) Electrical energy recovered from disposal of waste in previous systems	MJ	0.00E+00	6.38E+00	1.58E+00	1.61E+01	2.41E+01
Recovered thermal energy (EET) Thermal energy recovered from disposal of waste in previous systems	MJ	0.00E+00	2.04E+00	1.31E+00	5.70E+00	9.04E+00

Methods: TRACI 2.2, IPCC AR6

Global warming potential summary



TECHNICAL INFORMATION AND SCENARIOS FOR MODULES BEYOND THE FACTORY GATE

A4: Transport to the installation site		
Parameter	Value per product	Value per product
Transportation type	Truck trailer	Ship
Fuel consumption (l/km)	0.42 diesel	130 heavy fuel oil
Distance*	1,741 km	91 km
*Weighted average distance per product market share		

A5: Installation in the building	
Parameter	Value per functional unit
Installation Assumptions	No product waste Installed with hand tools
Energy use for installation	0 kWh
Transportation type for installation waste	Truck
Fuel consumption (l/km)	0.42 diesel
Distance	32.2 km
Packaging to recycling	4.78 kg
Packaging to energy recovery	0.58 kg
Packaging to landfill	2.31 kg

C1- C4: End-of-life	
Parameter	Value per functional unit
Method of deconstruction	Hand tools
Method of recycling	Mechanical recycling
Method of energy recovery	Incineration
Final disposal of remaining parts	Landfilling
Transportation type	Truck
Fuel consumption (l/km)	0.42 diesel
Distance to waste processing site	32.2 km
Weight to recycling	5.67 kg
Weight to energy recovery	4.68 kg
Weight to landfill	18.74 kg

ADDITIONAL ENVIRONMENTAL INFORMATION

The following product composition, packaging composition, pre- and post-consumer recycled content and the global warming potential results represent the Verlay™ configuration without scaling to the functional unit.

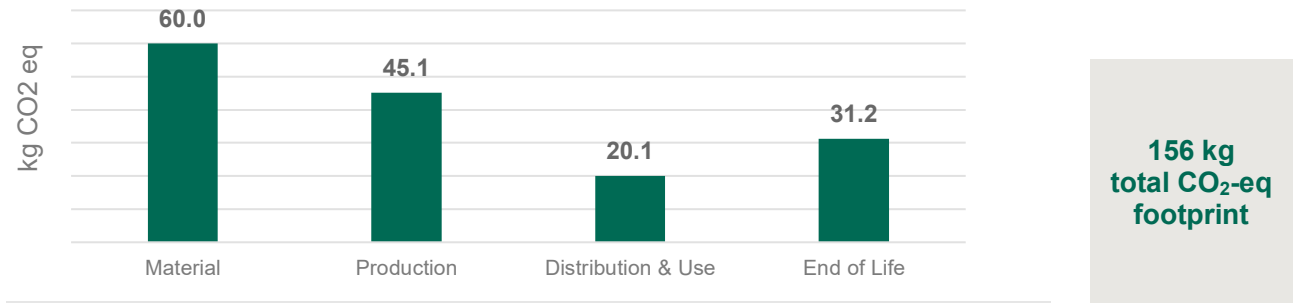
Product composition per Declared Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Laminated particleboard	43.278	76.3%	0.4%	0.165	45%	19.615
Steel	9.570	16.9%	22%	2.141	21%	1.962
Plastics	3.069	5.4%	0	0	0	0
Aluminum	0.666	1.2%	26%	0.173	30%	0.200
Other metal	0.174	0.3%	0	0	0	0
Total	56.758	100%	4.4%	2.479	38%	21.777

Product packaging composition per Declared Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Cardboard	13.253	88.7%	40.0%	5.301	0%	0
Foam	1.352	9.0%	0	0	0	0
PET	0.241	1.6%	0	0	0	0
Paper	0.098	0.7%	0	0	0	0
Total	14.943	100.0%	35.5%	5.301	0%	0.000

Global warming potential summary

		Life cycle stages				
		A1–A2 Materials acquisition	A3 Production process	A4-B7 Distribution & Use	C1-C4 End of life	Totals
*Global warming potential						
(100 years) Warming of the atmosphere caused by the global release of greenhouse gases excludes biogenic carbon.	kg CO2 eq	6.00E+01	4.51E+01	2.01E+01	3.12E+01	1.56E+02

Methods: IPCC AR6



Indoor air: Steelcase tables products are certified with SCS's Indoor Advantage Gold™ program, conforming to the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2021) and CDPH/EHLB Standard Method (CA 01350) v1.2-2017. The certification can be found [here](#).

Improper disposal of product: At the end of its useful life, manage Steelcase products correctly in accordance with all applicable regulations for effective end-of-life management, including recycling, disposal, or incineration. Improper management may result in the release of chemicals that may represent a risk to the environment and human health & safety.

REFERENCES

Life Cycle Assessment, LCA Report for Steelcase. WAP Sustainability Consulting November 2022. *Updated by Steelcase March 2024.*

NSF BIFMA Product Category Rule (PCR) for Tables: UNCPC 3812 Ext March 2026

ANSI/BIFMA X5.5-2021, Desk and Table Products.

ANSI/BIFMA e3, Furniture Sustainability Standard.

ACLCA Guidance to Calculating Non-LCIA Inventory Metrics in Accordance with ISO 21930:2017. May 2019

ISO 14025:2006 Environmental Labels and Declarations – Type III Environmental Declarations – Principles and Procedures.

ISO 14040:2006 Environmental Management – Life Cycle Assessment – Principles and Framework, Requirements and Guidelines.

ISO 14044:2006 Environmental Management – Life cycle assessment – Requirements and Guidelines.

ISO 14044:2006/Amd 1:2017 Environmental Management – Life cycle assessment – Requirements and Guidelines – Amendment 1.

NSF Certification Policies for Environmental Product Declarations (EPD). November 1, 2022.



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For further questions, please contact:
epd@steelcase.com