

Slim Leg Height-Adjustable Desk

AMERICAS



Certified
Environmental
Product Declaration
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About this product

The Slim Leg height-adjustable desk (HAD) was designed to support wellbeing and dynamic work. The light and modern aesthetic integrates seamlessly with other Steelcase products while providing a visual richness.

The reference product is SLHAD2S desk covering 1.35 m² meaning 0.74 units are required to meet the functional unit of 1 m² of physical floor space for a 10-year period.

Date of Issue: July 20, 2026

Date of Expiration: July 20, 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 the Slim Leg height-adjustable desk 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	Slim Leg Height-Adjustable Desk
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	EPD11318
Date of issuance	July 20, 2026
Date of expiration	July 20, 2031
EPD type	Product specific
EPD Product Coverage	Slim Leg height-adjustable desks 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, 0.74 units are required.

Product scope

The assessed product is one 70"W x 30"D Slim Leg Height-Adjustable Desk with two shrouds and a 12"H modesty panel. The surface material for the desktop, end panels and the modesty panel are high-pressure laminate. This desk includes active touch controller and under-worksurface 4 outlet power, utility power only, and no tamper resistance. Cord is black, 10 feet long.

One Slim Leg Height-Adjustable Desk is intended for use by 1 occupant.



<u>Manufacturing location</u>	<u>Product SKUs within the variation allowance</u>	<u>Applicable markets and regions</u>
Grand Rapids, MI Tijuana, Mexico	Slim Leg Height-Adjustable Desk without storage elements	Americas

Assessment goal and scope

The potential environmental impacts of Slim Leg Height-Adjustable Desk 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 tables, no impacts associated with the use of the table are included in the assessment. Instead, energy usage requirements in kW-hr for 1 hour of usage are reported. An hour of usage includes adjusting the table from minimum height to maximum height, then returning the product to minimum height. The desk uses 0.003 kWh to complete one cycle. Energy use per day 0.014kWh * 260 days/year * 10 years =36.40 kWh/10-year service life.

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	✓

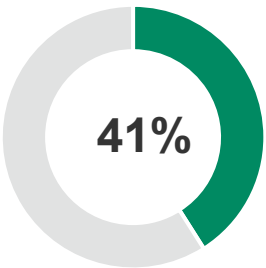
RESULTS

The product composition, packaging composition, recycled content, recyclability visuals, and life cycle impacts below relate specifically to one m² (0.74 units) of Slim Leg Height-Adjustable Desk SLHAD2S configuration with two shrouds and a 12"H modesty panel. The surface material for the desktop, end panels and the modesty panel are high-pressure laminate. This desk includes active touch controller and under-worksurface 4 outlet power, utility power only, and no tamper resistance.

Product composition per Functional Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Steel	42.907	53.22%	19	8.089	23	9.662
Laminated particleboard	31.098	38.57%	0	0	49	15.233
Electrical/Electronic components	4.567	5.66%	0	0	0	0
Fabric	0.650	0.81%	0	0	0	0
ABS	0.085	0.11%	0	0	0	0
Aluminum	0.001	0.002%	26	0.0004	30	0.0004
Other plastics	1.079	1.34%	0	0	0	0
Adhesives/coatings/rubber	0.231	0.28%	0	0	0	0
Total	80.617	100%	--	8.089	--	24.895

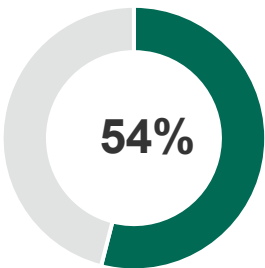
Product packaging composition per Functional Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Cardboard	1.527	83.15%	40	0.611	0	0
Paper	0.105	5.71%	0	0	0	0
LDPE film	0.100	5.45%	0	0	0	0
Foam	0.104	5.69%	0	0	0	0
Total	1.836	100%	--	0.611	--	0

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.

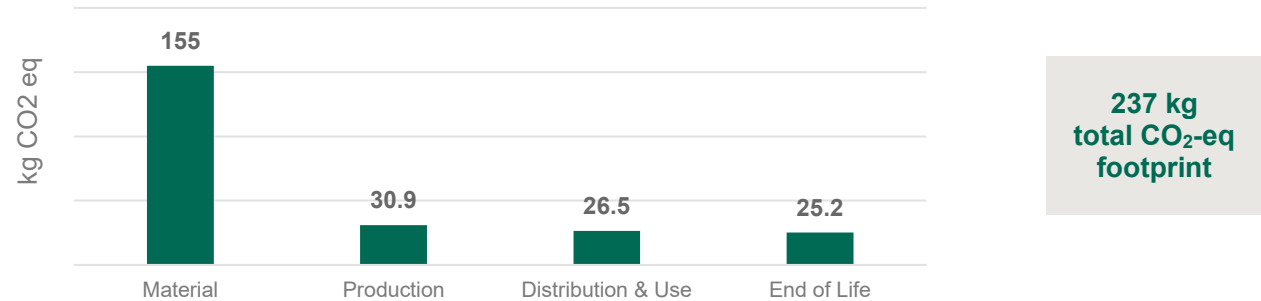
Life cycle impact by category and stage

Environmental impacts were calculated using the GaBi software platform. Impact results according to the BIFMA PCR have been calculated using TRACI 2.1, 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	1.55E+02	3.09E+01	2.65E+01	2.52E+01	2.37E+02
*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	5.44E-01	8.70E-02	1.42E-01	8.02E-02	8.54E-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	8.50E+00	1.06E+00	3.26E+00	6.50E-01	1.35E+01
*Eutrophication Enrichment of an aquatic ecosystem with nutrients (nitrates, phosphates) that accelerate biological productivity and an undesirable accumulation of algal biomass.	kg N eq	2.75E-01	3.00E-02	1.33E-01	3.00E-02	4.67E-01
*Ozone depletion Reduction of the stratospheric ozone layer due to anthropogenic emissions of ozone depleting substances.	kg CFC-11 eq	8.08E-08	1.62E-09	9.17E-12	5.60E-12	8.25E-08
Primary energy demand Energy consumption at the source.	MJ	2.66E+03	6.03E+02	3.45E+02	4.24E+01	3.65E+03
Net freshwater usage Freshwater used and otherwise not recoverable.	kg	4.68E+03	2.22E+02	1.08E+01	3.35E+01	4.94E+03
Renewable primary resources used as an energy carrier RPRE First use materials from renewable sources with energy content used as a fuel	MJ	6.62E+02	7.31E+01	1.34E+01	2.90E+00	7.52E+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	2.29E+01	0.00E+00	0.00E+00	2.29E+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	1.83E+03	4.98E+02	3.32E+02	3.95E+01	2.70E+03
Non-renewable primary resources used as material First use materials from non-renewable sources with energy content used as a material	MJ	1.74E+02	9.12E+00	0.00E+00	0.00E+00	1.83E+02
Recovered electrical energy (EEE) Electrical energy recovered from disposal of waste in previous systems	MJ	0.00E+00	1.69E+01	3.85E-01	2.44E+01	4.17E+01
Recovered thermal energy (EET) Thermal energy recovered from disposal of waste in previous systems	MJ	0.00E+00	5.36E+00	3.26E-01	9.09E+00	1.48E+01

Methods: TRACI 2.1, 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*	2,349 km	120 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	1.14 kg
Packaging to energy recovery	0.14 kg
Packaging to landfill	0.56 kg

B1, B2, B3, B4, B5, B6, B7: Use
B6. Operational energy use per day 0.014 kWh

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	20.74 kg
Weight to energy recovery	11.98 kg
Weight to landfill	47.90 kg

ADDITIONAL ENVIRONMENTAL INFORMATION

The following product composition, packaging composition, pre- and post-consumer recycled content and the global warming potential results represent the Slim Leg Height-Adjustable Desk configuration without scaling to the functional unit.

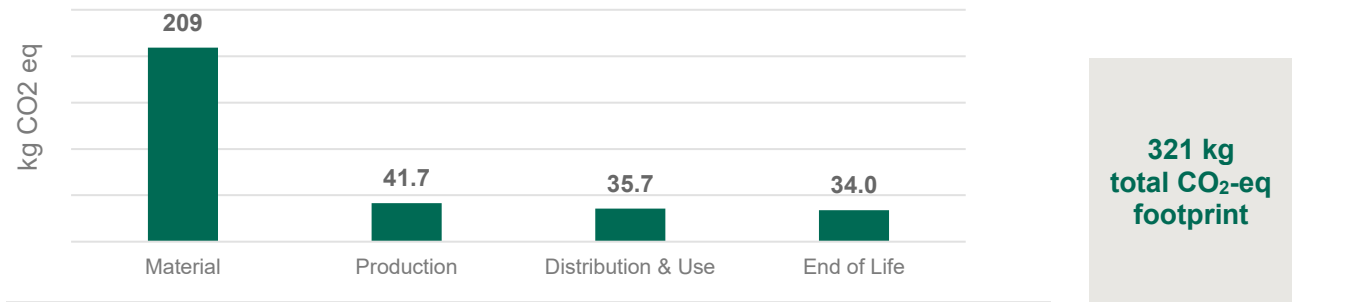
Product composition per Declare Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Steel	58.132	53.22%	19	10.959	23	13.090
Laminated particleboard	42.133	38.57%	0	0	49	20.638
Electrical/Electronic components	6.187	5.66%	0	0	0	0
Fabric	0.880	0.81%	0	0	0	0
ABS	0.115	0.11%	0	0	0	0
Aluminum	0.002	0.002%	26	0.001	30	0.001
Other plastics	1.461	1.34%	0	0	0	0
Adhesives/coatings/rubber	0.313	0.28%	0	0	0	0
Total	109.224	100%	--	10.96	--	33.728

Product packaging composition per Declare Unit			Post-consumer		Pre-consumer	
Material	Weight (kg)	Weight (%)	%	Weight (kg)	%	Weight (kg)
Cardboard	2.068	83.15%	40	0.827	0	0
Paper	0.142	5.71%	0	0	0	0
LDPE film	0.136	5.45%	0	0	0	0
Foam	0.141	5.69%	0	0	0	0
Total	2.488	100%	--	0.827	--	0

Global warming potential summary

		Life cycle stages				Totals
	Unit	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 excludes biogenic carbon.	kg CO2 eq	2.09E+02	4.17E+01	3.57E+01	3.40E+01	3.21E+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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Contact
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