Environmental Product Declaration

Steelcase

Migration® Intro

AMERICAS

About this product

Migration® Intro are height-adjustable desks made for all the ways you work. Originally launched as a cost-effective solution focused on ergonomic design, Migration has evolved into a comprehensive collection of height-adjustable desks that offer a range of options for budget, aesthetics and performance.

The reference product is HA1ER desk covering 1.09 m^2 meaning 0.92 units are required to meet the functional unit of 1 m^2 of physical floor space for a 10-year period.

Date of Issue: June 30, 2026
Date of Expiration: June 30, 2031

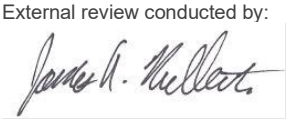
About this document

This declaration describes the Life Cycle Assessment of the Migration Intro desk produced for the Americas by Steelcase Inc. in the United States and Mexico. 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.

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.

ASSESSMENT OVERVIEW

EPD commissioner	Steelcase® Inc
Corporate Address	901 44th Street SE Grand Rapids, Michigan 49508-7594 United States
Product group	Tables
Product name	Migration Intro
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	EPD11310
Date of issuance	June 30, 2026
Date of expiration	June 30, 2031
EPD type	Product specific
EPD Product Coverage	Migration Intro desks for the Americas market, including the following codes: HAIER1
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.

ASSESSMENT PARAMETERS

Functional unit

One square meter of physical floor space for a reference service life of 10 years. To fulfill the functional unit, 0.92 units are required.

Product scope

The product assessed is Migration Intro (style HAIER1 with and without cable tray) height-adjustable desks made for all the ways you work. The desk is of modular design with 58W"x29"D, t-leg, with height adjustable base (extended), arctic white, solid HPL, square edge, rectangular column, and electrical controller. Originally launched as a cost-effective solution focused on ergonomic design, Migration has evolved into a comprehensive collection of height-adjustable desks that offer a range of options for budget, aesthetics and performance.

One Migration Intro height-adjustable electrical desk is intended for use by 1 occupant.

Manufacturing location	Product SKUs within the variation allowance	Applicable markets and regions
Grand Rapids, MI (Kentwood), and Tijuana Mexico (AMEX)	Migration Intro HAIER1 with/without cable tray	Americas

Assessment goal and scope

The potential environmental impacts of Migration Intro 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 gate A1-A3 with options, A4-A5, B1, B4, C1-C4, and optionally Module D. Life cycle stages included in this assessment follow the BIFMA PCR for Office Furniture Workspace V2 March 2025: UNCPC 3814. Because the BIFMA PCR serves as the core PCR, life cycle stages and phases are first presented according to the PCR for Workspace.

	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	✓
 ***Gate to grave*** **DISTRIBUTION, USE AND END OF LIFE** Distribution of products, installation, use and end of life.	**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	✓
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 m^2 (0.92 units) of Migration Intro HAIER1 configuration without cable tray, consisting of a table with heigh-adjustable T legs, and rectangular top.

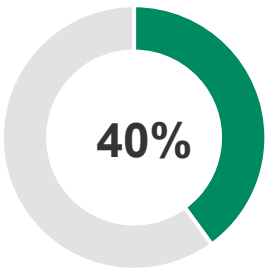
Product composition per functional unit

			Post-consumer		Pre-consumer	
Material	**Weight (kg)**	**Weight (%)**	**%**	**Weight (kg)**	**%**	**Weight (kg)**
Steel	19.733	47.56%	16	3.157	20	3.947
Melamine faced particleboard	19.281	46.47%	0	0	49	9.447
Electrical components	1.941	4.68%	0	0	0	0
ABS	0.352	0.85%	0	0	0	0
PA 6/66	0.093	0.22%	0	0	0	0
PP	0.066	0.16%	100	0.066	0	0
POM	0.019	0.05%	0	0	0	0
Rubber	0.004	0.01%	0	0	0	0
Total	**41.489**	**100%**	**--**	**3.223**	**--**	**13.394**

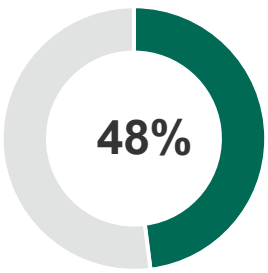
Product packaging composition per functional unit

			Post-consumer		Pre-consumer	
Material	**Weight (kg)**	**Weight (%)**	**%**	**Weight (kg)**	**%**	**Weight (kg)**
Cardboard	1.284	95.78%	40	0.514	0	0
PE Foam	0.004	0.28%	0	0	0	0
PE Film	0.049	3.66%	0	0	0	0
Paper	0.004	0.28%	0	0	0	0
Total	**1.340**	**100%**	**--**	**0.536**	**--**	**0**

Product recycled content* and recyclability** summary



TOTAL RECYCLED CONTENT*



RECYCLABILITY BY WEIGHT**

*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 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.

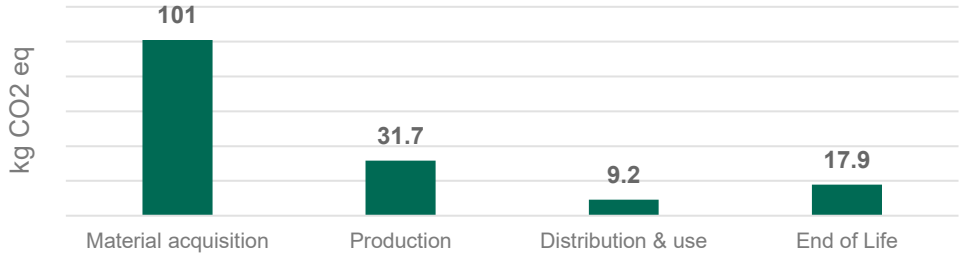
Life cycle impact by category and stage

Environmental impacts were calculated using the GaBi software platform. Impact results according to the BIFMA PCR have been calculated using TRACI 2.1 and 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.

		Life cycle stages				
	Unit	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.	kg CO2 eq	1.01E+02	3.17E+01	9.21E+00	1.79E+01	1.60E+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	4.11E-01	5.05E-02	4.92E-02	5.77E-02	5.68E-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	6.95E+00	8.09E-01	1.11E+00	4.50E-01	9.32E+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	2.41E-01	2.35E-02	4.53E-02	2.13E-02	3.31E-01
***Ozone depletion** Reduction of the stratospheric ozone layer due to anthropogenic emissions of ozone depleting substances.	kg CFC-11 eq	6.45E-08	5.14E-10	3.13E-12	3.49E-12	6.50E-08
Primary energy demand Energy consumption at the source.	MJ	1.85E+03	6.76E+02	1.17E+02	2.59E+01	2.66E+03
Net freshwater usage Freshwater used and otherwise not recoverable.	kg	2.39E+03	1.33E+02	4.00E+00	2.22E+01	2.55E+03
Renewable primary resources used as an energy carrier RPRE First use materials from renewable sources with energy content used as a fuel	MJ	5.23E+02	7.99E+01	4.53E+00	1.87E+00	6.10E+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	3.20E+01	0.00E+00	0.00E+00	3.20E+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	1.23E+03	5.61E+02	1.12E+02	2.40E+01	1.93E+03
Non-renewable primary resources used as material First use materials from non-renewable sources with energy content used as a material	MJ	9.28E+01	2.82E+00	0.00E+00	0.00E+00	9.56E+01
Recovered electrical energy (EEE) Electrical energy recovered from disposal of waste in previous systems	MJ	0.00E+00	2.47E+01	3.77E-01	1.73E+01	4.24E+01
Recovered thermal energy (EET) Thermal energy recovered from disposal of waste in previous systems	MJ	0.00E+00	7.74E+00	1.67E-01	6.08E+00	1.40E+01

Methods: TRACI 2.1, IPCC AR6

Global warming potential summary



160 kg total CO_2-eq footprint

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*	1250 km	14 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	1.288 kg
Packaging to energy recovery	0.049 kg
Packaging to landfill	0.004 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	6.578 kg
Weight to energy recovery	6.982 kg
Weight to landfill	27.929 kg

ADDITIONAL ENVIRONMENTAL INFORMATION

The following product composition, packaging composition, pre- and post-consumer recycled content and the global warming potential results represent the Migration Intro HA1ER (excluding cable tray) configuration without scaling to the functional unit.

Product composition

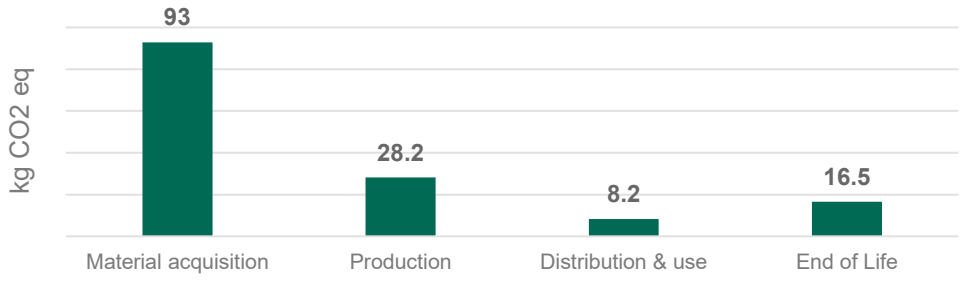
			Post-consumer		Pre-consumer	
Material	**Weight (kg)**	**Weight (%)**	**%**	**Weight (kg)**	**%**	**Weight (kg)**
Steel	21.449	47.56%	16	3.430	20	4.288
Melamine faced particleboard	20.957	46.47%	0	0	49	10.26
Electrical components	2.110	4.68%	0	0	0	0
ABS	0.382	0.85%	0	0	0	0
PA 6/66	0.101	0.22%	0	0	0	0
PP	0.072	0.16%	100	0.072	0	0
POM	0.021	0.05%	0	0	0	0
Rubber	0.004	0.01%	0	0	0	0
Total	**45.097**	**100%**	**--**	**3.502**	**--**	**14.554**

Product packaging composition per functional unit

			Post-consumer		Pre-consumer	
Material	**Weight (kg)**	**Weight (%)**	**%**	**Weight (kg)**	**%**	**Weight (kg)**
Cardboard	1.396	95.78%	40	0.558	0	0
PE Foam	0.004	0.28%	0	0	0	0
PE Film	0.053	3.66%	0	0	0	0
Paper	0.004	0.28%	0	0	0	0
Total	**1.458**	**100%**	**--**	**0.558**	**--**	**0**

		Life cycle stages				
	Unit	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	9.29E+01	2.82E+01	8.24E+00	1.65E+01	1.46E+02

Methods: TRACI 2.1, IPCC AR6



146 kg total CO_2-eq footprint

RESULTS

The product composition, packaging composition, recycled content, recyclability visuals, and life cycle impacts below relate specifically to one m^2 (0.68 units) of Migration Intro HAIER1 with cable tray configuration (worst case), consisting of a table with heigh-adjustable T legs, rectangular top, and cable support.

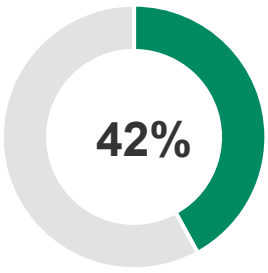
Product composition per functional unit

			Post-consumer		Pre-consumer	
Material	**Weight (kg)**	**Weight (%)**	**%**	**Weight (kg)**	**%**	**Weight (kg)**
Melamine faced particleboard	22.831	54%	0	0	49	11.187
Steel	18.138	43%	18	3.465	20	3.268
Electrical components	1.435	3.37%	0	0	0	0
ABS	0.014	0.03%	0	0	0	0
PA 6/66	0.068	0.16%	0	0	0	0
PP	0.049	0.12%	100	0.049	0	0
POM	0.014	0.03%	0	0	0	0
Rubber	0.003	0.01%	0	0	0	0
Total	**42.553**	**100.0%**	**--**	**3.514**	**--**	**14.455**

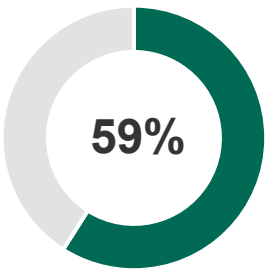
Product packaging composition per functional unit

			Post-consumer		Pre-consumer	
Material	**Weight (kg)**	**Weight (%)**	**%**	**Weight (kg)**	**%**	**Weight (kg)**
Cardboard	1.243	95.78%	40	0.497	0	0
PE Foam	0.003	0.28%	0	0	0	0
PE Film	0.036	3.66%	0	0	0	0
Paper	0.003	0.28%	0	0	0	0
Total	**1.285**	**100%**	**--**	**0.497**	**--**	**0**

Product recycled content* and recyclability** summary



TOTAL RECYCLED CONTENT*



RECYCLABILITY BY WEIGHT**

*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 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.

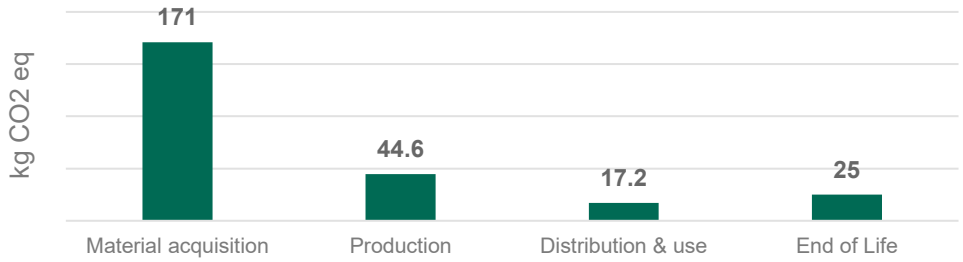
Life cycle impact by category and stage

Environmental impacts were calculated using the GaBi software platform. Impact results according to the BIFMA PCR have been calculated using TRACI 2.1 and 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.

		Life cycle stages				
	Unit	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.	kg CO2 eq	1.71E+02	4.46E+01	1.72E+01	3.68E+01	2.70E+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	7.15E-01	7.59E-02	9.19E-02	1.19E-01	1.00E+00
***Photochemical ozone creation (Smog)** Through various chemical reactions, which occur between nitrogen oxides (NOx) and volatile organic compounds (VOCs) in sunlight.	kg O3 eq	1.21E+01	1.20E+00	2.08E+00	8.96E-01	1.63E+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	4.22E-01	3.50E-02	8.47E-02	4.34E-02	5.85E-01
***Ozone depletion** Reduction of the stratospheric ozone layer due to anthropogenic emissions of ozone depleting substances.	kg CFC-11 eq	1.23E-07	6.99E-10	5.85E-12	6.55E-12	1.23E-07
Primary energy demand Energy consumption at the source.	MJ	3.23E+03	9.66E+02	2.18E+02	4.80E+01	4.46E+03
Net freshwater usage Freshwater used and otherwise not recoverable.	kg	4.01E+03	1.93E+02	7.41E+00	4.35E+01	4.26E+03
Renewable primary resources used as an energy carrier RPRE First use materials from renewable sources with energy content used as a fuel	MJ	9.79E+02	1.22E+02	8.47E+00	3.60E+00	1.11E+03
Renewable primary resources used as material RPRM First use materials from renewable sources with energy content used as a material	MJ	0.00E+00	5.65E+01	0.00E+00	0.00E+00	5.65E+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	2.10E+03	7.84E+02	2.10E+02	4.44E+01	3.14E+03
Non-renewable primary resources used as material First use materials from non-renewable sources with energy content used as a material	MJ	1.48E+02	3.82E+00	0.00E+00	0.00E+00	1.52E+02
Recovered electrical energy (EEE) Electrical energy recovered from disposal of waste in previous systems	MJ	0.00E+00	3.34E+01	6.48E-01	3.53E+01	6.94E+01
Recovered thermal energy (EET) Thermal energy recovered from disposal of waste in previous systems	MJ	0.00E+00	1.05E+01	2.62E-01	1.19E+01	2.26E+01

Methods: TRACI 2.1, IPCC AR6

Global warming potential summary



270 kg total CO_2-eq footprint

RESULTS

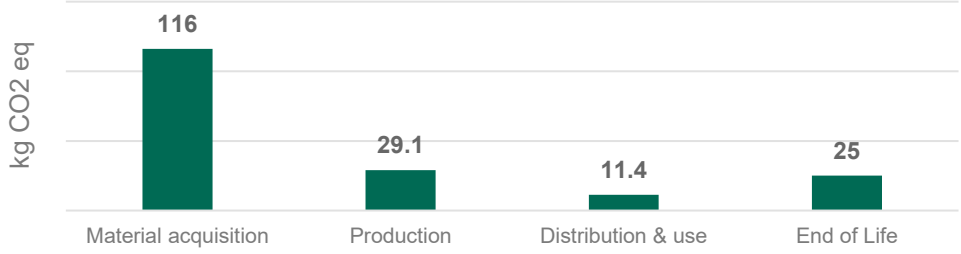
The product composition, packaging composition, recycled content, recyclability visuals, and life cycle impacts below relate specifically to one m^2 of Migration Intro HAIER1 with cable tray configuration (worst case), consisting of a table with heigh-adjustable T legs, rectangular top, and cable support without scaling to the functional unit.

Product composition per functional unit			**Post-consumer**		**Pre-consumer**	
Material	**Weight (kg)**	**Weight (%)**	**%**	**Weight (kg)**	**%**	**Weight (kg)**
Melamine faced particleboard	33.576	54%	0	0	48	16.167
Steel	26.674	43%	18	4.801	20	5.335
Electrical components	2.110	3.37%	0	0	0	0
ABS	0.020	0.03%	0	0	0	0
PA 6/66	0.101	0.16%	0	0	0	0
PP	0.072	0.12%	100	0.072	0	0
POM	0.021	0.03%	0	0	0	0
Rubber	0.004	0.01%	0	0	0	0
Total	**62.578**	**100.0%**	**--**	**4.873**	**--**	**21.502**

Product packaging composition per functional unit			**Post-consumer**		**Pre-consumer**	
Material	**Weight (kg)**	**Weight (%)**	**%**	**Weight (kg)**	**%**	**Weight (kg)**
Cardboard	1.828	95.78%	40	0.731	0	0
PE Foam	0.004	0.28%	0	0	0	0
PE Film	0.053	3.66%	0	0	0	0
Paper	0.004	0.28%	0	0	0	0
Total	**1.889**	**100%**	**--**	**0.731**	**--**	**0**

		Life cycle stages				
	Unit	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	1.16E+02	2.91E+01	1.14E+01	2.50E+01	1.82E+02

Methods: TRACI 2.1, IPCC AR6



182 kg total CO_2-eq footprint

Indoor air: Steelcase table 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.

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