teknion

Environmental Product Declaration

Slide and hiSpace Height-Adjustable

Tables

Date of Issue: 7/10/2026
Date of Expiration: 7/10/2031

PRODUCT CATEGORY RULE
BIFMA PCR for Tables: UNCPC 3812 v1 (2021)
Product Sub-Category: Single Unit Table Desk (Adjustable-Height)

NSF
Certified Environmental Product Declaration
www.nsf.org

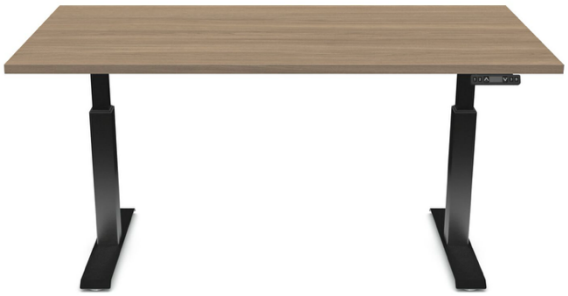
Functional Unit

1m^2 of physical floor space for a period of 10 years (0.764 units of Slide). This study covers a representative configuration based on the sales of variations and includes the worksurface and height-adjustable stand requiring 0.00177 kWh hour per use.

This EPD 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 final results due to and not limited to the practitioner's assumptions, the source of the data used in the study and the software tool used to conduct the study.

Program Operator	NSF Certification, LLC 789 N. Dixboro, Ann Arbor, MI 48105 sustainability@nsf.org
Manufacturer Name and Address	Teknion Limited 1150 Flint Road North York, ON M3J 2J5, Canada
Declaration Number	EPD11309
Declared Product and Functional Unit	1m^2 of physical floor space for a period of 10 years (0.764 units of Slide)
Reference PCR and Version Number	BIFMA PCR for Tables: UNCPC 3812 v1 (2021)
Intended Audience	Business-to-Business, Business-to-Customer
Product's intended Application and Use	Commercial Furniture
Product RSL	10 years
Markets of Applicability	North America
Date of Issue	7/10/2026
Period of Validity	5 years from date of issue
EPD Type	Product Specific
Range of Dataset Variability	N/A
EPD Scope	Cradle to Grave
Year of reported manufacturer primary data	2023
LCA Software and Version Number	Sphera LCA for Experts (fka GaBi) 10.9
LCI Database and Version Number	Managed Life Cycle Content Version 2024.1 (formerly GaBi)
LCIA Methodology and Version Number	TRACI 2.1, IPCC AR6 GWP100
The subcategory PCR review was conducted by:	Thomas Gloria, PhD (chair) Jack Geibig, P.E. Michael Overcash, PhD
This declaration was independently verified in accordance with ISO 14025: 2006. The BIFMA PCR for Tables: UNCPC 3812 serves as the core PCR. ☐ Internal ☑ External	Joseph Geibig joseph@ecoform.com
This life cycle assessment was conducted in accordance with ISO 14044 and the reference PCR by:	WAP Sustainability
This life cycle assessment was independently verified in accordance with ISO 14044 and the reference PCR by:	Joseph Geibig joseph@ecoform.com

Limitations:
Environmental declarations from different programs (ISO 14025) may not be comparable.
Comparison of the environmental performance of products using EPD information shall be based on the product's use and impacts at the building level, and therefore EPDs may not be used for comparability purposes when not considering the building energy use phase as instructed under this PCR.
Full conformance with the PCR allows EPD comparability only when all stages of a life cycle have been considered. However, variations and deviations are possible". Example of variations: Different LCA software and background LCI datasets may lead to differences results for upstream or downstream of the life cycle stages declared.
The PCR this EPD was based on was written to determine the potential environmental impacts of a furniture workspace 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 final results due to and not limited to the practitioner's assumptions, the source of the data used in the study and the software tool used to conduct the study.



Product Description

The hiSpace Height-Adjustable Table is offered in two options: Partially Assembled (Quick Connect) and Unassembled (Basic). The Quick Connect option allows the table to be assembled from boxed components in under five minutes, while the Basic option includes all essential components for a height-adjustable table. Cable management can be specified separately to suit individual requirements.

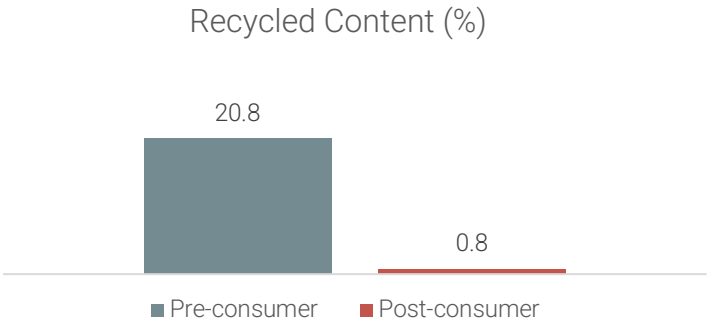
Named for its telescopic frame, the Slide Height-Adjustable Table expands to fit any worksurface width between 46" and 72".

The Slide and hiSpace Height-Adjustable Tables are part the same family of height-adjustable desking solutions that can contain panels, worksurfaces, storage solutions, and power cables, depending on the final configuration. The specific configurations covered by this EPD are the following:

- Slide: product codes N03-3804\29\70 (base) and C07-3731T\29\70 (worksurface), pictured
- hiSpace: product codes YSE9\29\70 (base) and C07-3731T\29\70 (worksurface)

Additional details of the Slide product configuration used for this EPD is below, but other configurations are possible. This product is determined to be a representative product of both Slide and hiSpace based on sales of the variations. While the exact configuration purchased may be slightly different, it is expected to have impacts within 10% of this representative configuration.

Product Category	Single User Table Desk (Adjustable-Height)
Number of Occupants	1
Floor Area	1.309 m^2
Components Included	Desking, Laminate Worksurface, Height-Adjustable Stand
Defining Features	Height-Adjustable Desk
Energy Usage	0.00177 kWh/hr
Recycled Content	20.8% pre-consumer, 0.8% post-consumer

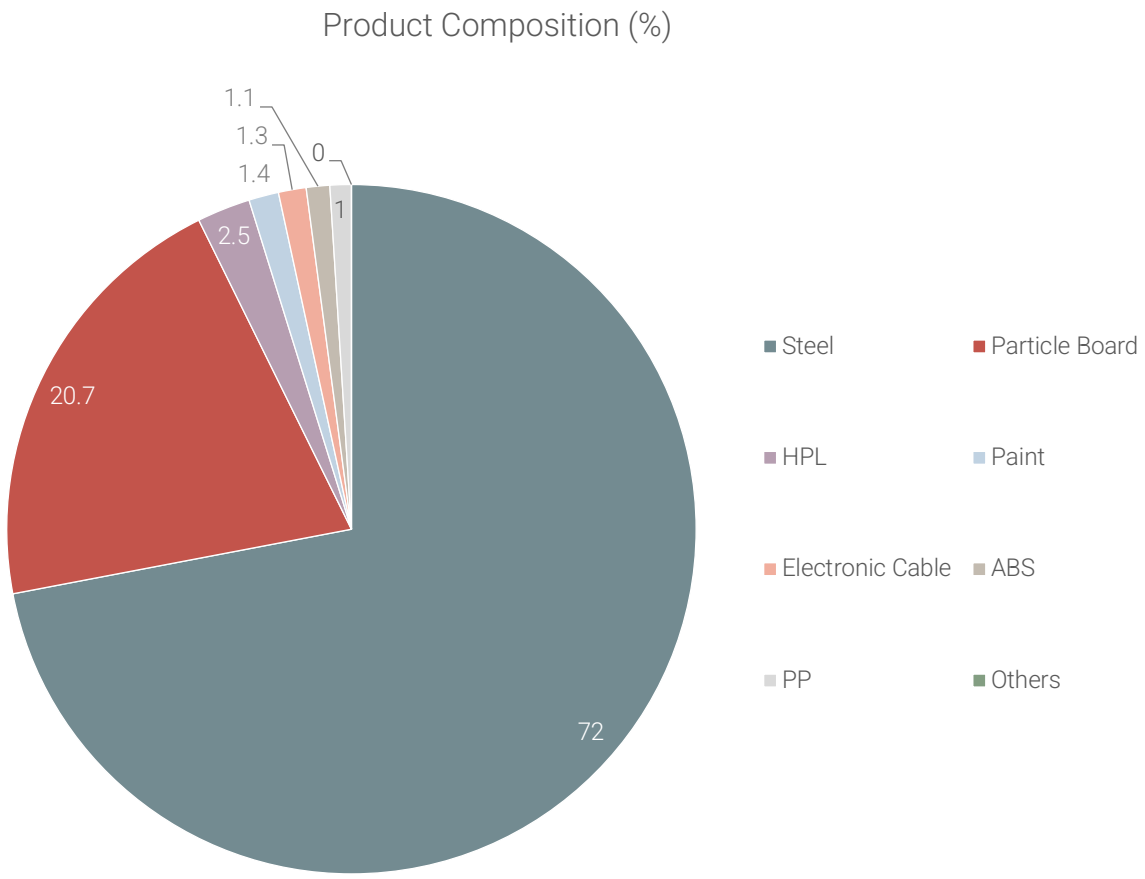


Product Composition

Like many commercial furniture products, Slide and hiSpace Desking are available in a multitude of configurations. For this particular study, a representative Slide configuration was used. This composition of the configuration is provided in the table below. While the exact configuration purchased may be slightly different, it is expected to have impacts within 10% of this representative configuration.

The total product weight is 43.6 kg, with total product area of 1.309 m^2 and a reference service life of 10 years. To meet the functional unit, 0.764 units of Slide Desking is required, with a reference flow of 33.3 kg.

Material	Mass %	Material	Mass %
Steel	72.0 %	Electronic Cables	1.3 %
Particle Board	20.7 %	ABS	1.1 %
HPL	2.5 %	PP	1.0 %
Paint	1.4 %	Others	<1 %



Selection of Impact Parameters

Environmental Impacts were calculated using the LCA for Experts software platform. Impact results have been calculated using TRACI 2.1 and IPCC AR6 GWP100 characterization factors as required by the PCR for tables. Results presented in this report are relative expressions and do not predict impacts on category endpoints, the exceeding of thresholds, safety margins, or risks.

Abbreviation	Parameter	Unit
AP	Acidification potential of soil and water	kg SO_2 eq
EP	Eutrophication potential	kg N eq
GWP incl bio c	Global warming potential, including biogenic carbon	kg CO_2 eq
GWP excl bio c	Global warming potential, excluding biogenic carbon	kg CO_2 eq
ODP	Depletion of stratospheric ozone layer	kg CFC 11 eq
POCP	Photochemical ozone creation potential	kg O_3 eq

In addition to the environmental parameters above, the following resource use and waste categories are also disclosed.

Abbreviation	Parameter	Unit
PED	Total use of renewable and non-renewable primary energy resources	MJ, net calorific value
FW	Net use of fresh water	kg
RPRE	Renewable primary resources used as an energy carrier	MJ, net calorific value
RPRM	Renewable primary resources used as a material	MJ, net calorific value
NRPRE	Non-renewable primary resources used as an energy carrier	MJ, net calorific value
NRPRM	Non-renewable primary resources used as a material	MJ, net calorific value
RE	Recovered energy from disposal of waste in previous systems	MJ, net calorific value

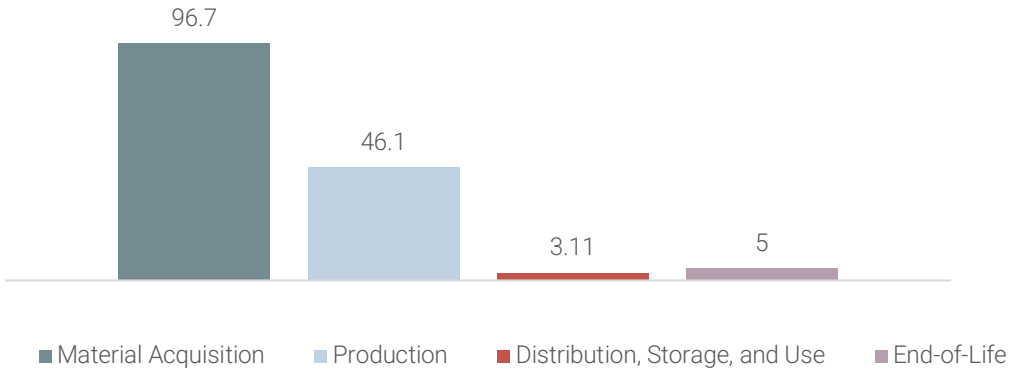
LCA Results

All results are given per functional unit, which is 1m^2 of physical floor space for a period of 10 years. Slide Desking has an area of 1.309 m^2. The product meets testing criteria per ANSI/BIFMA X5.5 and has a reference service life of 10 years. To fulfil the functional unit, 0.764 units of product are required.

TRACI and IPCC AR6 GWP100 Results for Slide

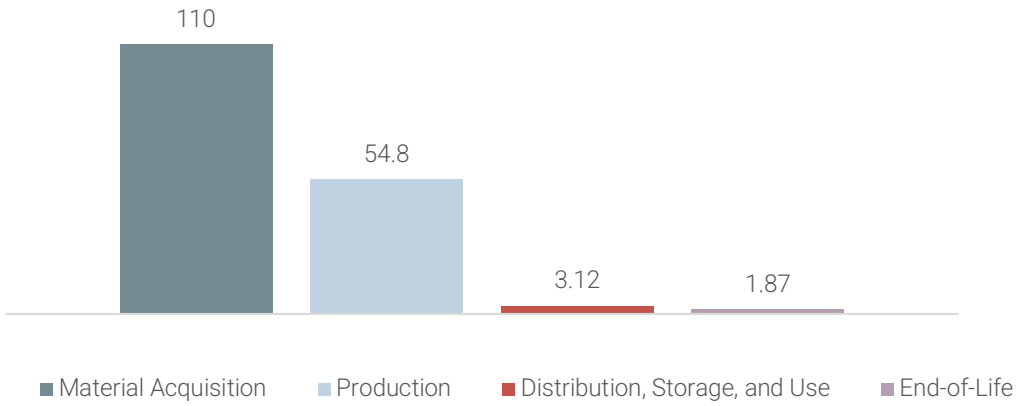
Impact Category	Unit	Material Acquisition	Production	Distribution, Storage, and Use	End-of-Life	Total
AP	kg SO_2-eq	3.32E-01	2.08E-01	1.45E-02	8.25E-03	5.63E-01
EP	kg N-eq	1.78E-02	1.74E-02	1.28E-03	1.16E-03	3.76E-02
GWP incl bio c	kg CO_2-eq	9.67E+01	4.61E+01	3.11E+00	5.00E+00	1.51E+02
GWP excl bio c	kg CO_2-eq	1.10E+02	5.48E+01	3.12E+00	1.87E+00	1.70E+02
ODP	kg CFC-11 eq	3.54E-08	3.08E-12	9.19E-15	3.57E-14	3.54E-08
SFP	kg O_3-eq	4.57E+00	4.11E+00	3.33E-01	1.28E-01	9.14E+00

Global Warming Potential
(including biogenic carbon)



150.9 kg total CO_2-eq GWP

Global Warming Potential
(excluding biogenic carbon)



169.8 kg total CO_2-eq GWP

LCI Indicators for Slide

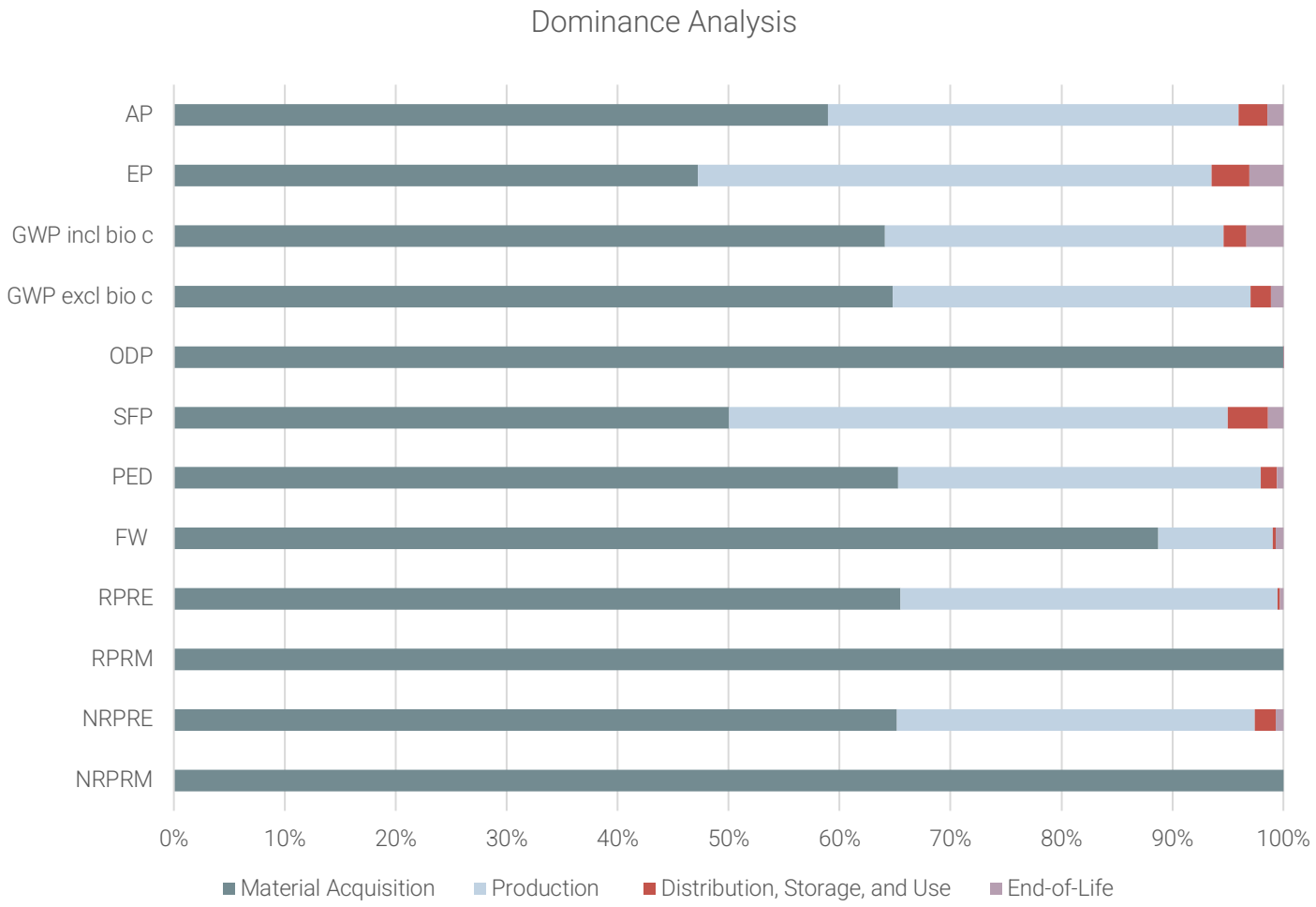
Impact Category	Unit	Material Acquisition	Production	Distribution, Storage, and Use	End-of-Life	Total
PED	MJ	1.89E+03	9.48E+02	4.30E+01	1.66E+01	2.90E+03
FW	kg	2.02E+00	2.35E-01	6.06E-03	1.55E-02	2.28E+00
RPRE	MJ	4.82E+02	2.50E+02	1.82E+00	2.22E+00	7.36E+02
RPRM	MJ	1.13E+02	0.00E+00	0.00E+00	0.00E+00	1.13E+02
NRPRE	MJ	1.41E+03	6.98E+02	4.12E+01	1.44E+01	2.17E+03
NRPRM	MJ	2.86E+01	0.00E+00	0.00E+00	0.00E+00	2.86E+01
RE	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Interpretation

A dominance analysis was performed for the product show which of the life cycle stages contributes to the majority of the impacts. Results are shown for the 4 TRACI 2.1 impact categories and IPCC AR6 GWP100.

Overall, the dominance analysis shows the vast majority of the impacts are coming from the material acquisition and pre-processing stage for most impact categories. This tracks with the majority of durable goods similar to Slide. RE is equal to zero and is excluded from the dominance analysis graph below.

An additional dominance analysis was performed to determine the relative impacts of the materials used in the production of Slide. For most of the LCIA indicators, the top material impacts are steel, particle board, powder coating or electronics, depending on the indicator.



Company Description

Teknion designs, manufactures, and markets workplace interiors. Its products include panel systems, desking systems, private office systems/case goods, seating solutions, architectural products, tables and collaborative spaces, storage products, work better tech products (complements), and textiles. The company's products are used in various applications, including open, collaborative, private, meeting, lounge, learning, next culture, and work couture areas. Teknion was founded in 1981 and is based in Toronto, Canada.

Additional Environmental Information

Teknion is a supporter and/or a participant in the following environmental and sustainability related programs.

- The International Living Future Institute's Declare program. Products with Declare labels can be found at this link.
- ANSI/BIFMA e3-2019 Furniture Sustainability Standard program. Slide is certified to Level 3.
- Teknion products, including hiSpace and Slide, comply with SCS's Indoor Advantage Gold program. Certifications can be found at this link.
- Teknion has been a member of the USGBC since 2016.

Additionally, Teknion publishes an Impact Report which is publicly available at this link.

As required by the PCR, a statement is provided on properties of the product if improperly disposed: At the end of the product's life, the owner shall manage Teknion products in adherence with all applicable regulations and best practices for effective end of life management, including refurbishment, 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 of Teknion's Desking and Table Products. WAP Sustainability. July 2024.

BIFMA PCR for Tables, UNCPC 3812 v1. January 2021.

Climate Change 2021: The Physical Science Basis. Contribution of Working Group I to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge University Press. IPCC. 2021.

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.

ISO 14044:2006 Environmental management – Life cycle assessment – Requirements and guidelines.