

Flex[®] Table

EMEA



Certified
Environmental
Product Declaration
www.nsf.org



About this product

Steelcase Flex Tables offer a modern and approachable vibe to the workplace. Soft corners and a wide range of material options allow for personalization and expression in any team space. Use one alone or bring them together. Steelcase Flex Tables are just right for all of your day's activities.

The reference product is a table covering 1.12 m² meaning 0.89 units are required to meet the functional unit of 1 m² of physical floor space for a 10-year period.

Date of Issue: April 23, 2025
Date of Expiration: April 23, 2030

Learn more

- Explore Steelcase environmental philosophy and commitments [overview](#).
- Find product details and sustainability certifications on the [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 Steelcase Flex Tables produced for the EMEA market by Steelcase Inc. in Germany. The assessment is performed according to the ISO standards 14040 (2006), 14044 (2006) and 14025 (2006), EN 15804+A2, 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 | Flex® Table |
| Product intended use | Table |
| Product reference service life | 10 years |
| Reference standards | ISO 14025, ISO 14040, ISO 14044, EN 15804+A2 |
| EPD scope | Cradle to grave and Module D |
| EPD number | EPD11000 |
| Date of issuance | April 23, 2025 |
| Date of expiration | April 23, 2030 |
| EPD type | Product specific |
| EPD Product Coverage | Flex® Table for the EMEA market |
| Intended audience | Business to business (B2B) |
| Year of reported manufacturer data | 2023 |
| Functional unit | One square meter of physical floor space for a reference service life of 10 years |
| Applicable markets/regions | EMEA |
| LCA software and database version | GaBi 10.6.2.9; GaBi database, 2022.2 |
| LCIA methodology and version number | TRACI 2.1, EN15804+A2 (EF 3.1) |
| 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, 2022) |
| PCR reviewer | Review Panel Chaired by Dr. Thomas Gloria |
| EPD reviewer | <p>External review conducted by:</p>  <p>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: UNCPC 3812 (BIFMA PCR, 2022), and EN 15804+A2.</p> |
| LCA reviewer | <p>External review conducted by:</p>  <p>Jim Mellentine, Thrive ESG The product Life Cycle Assessment was conducted in accordance with ISO 14044, EN 15804+A2, and the reference PCR.</p> |
| Disclaimer | <p>The PCR this EPD was based on was written to determine the potential environmental impacts of a table product from cradle to grave and module D. 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.</p> |

ASSESSMENT PARAMETERS

Functional unit

One square meter of physical floor space for a reference service life of 10 years. To fulfill the functional unit, 0.89 units of desk are required.

Product scope

The products assessed are Flex® Table product number FLXWTL (fixed height) (1400x800mm), with rectangular top and stainless-steel legs.

Results presented on the subsequent pages are of Flex® Table manufactured in Steelcase Rosenheim, Germany plant.

One Flex® Table classified in the subcategory single user is intended for use by 1 occupant at one time.






Assessment goal and scope

The potential environmental impacts of Flex® 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 and the reporting format of EVS-EN 15804:2012+A2:2019 Sustainability of construction works – Environmental product declarations – core rules for the product category of construction products. Material acquisition and pre-processing (including transportation), production, distribution, use and end-of-life are assessed for the table product.

Assessment boundary

The Life Cycle Assessment considers the full life cycle of the product as described here, cradle to grave. Life cycle stages included in this assessment follow the BIFMA PCR for Tables: UNCPC 3812. Because the BIFMA PCR serves as the core PCR, life cycle stages and phases are first presented according to the PCR for tables, then additionally reported on by EN 15804+A2 life cycle modules.

| | Stage | Status |
|---|--|--------|
|  | <i>Cradle to inbound gate</i> | |
| | MATERIALS ACQUISITION | |
| | Raw material extraction, pre-processing and transportation of materials to suppliers. | |
| | A1. Raw material supply | ✓ |
| | A2. Transport | ✓ |
|  | <i>Gate to gate</i> | |
| | 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 | ✓ |
| | <i>Gate to grave</i> | |
| | DISTRIBUTION, USE AND END OF LIFE | |
| | Distribution of products, installation, use and end of life. | |
| | <i>Beyond the boundary</i> | |
| | D. Reuse/recovery | ✓ |

MATERIALS

The product composition, packaging composition, recycled content, and recyclability visuals below relate specifically to the Flex Table configuration listed above.

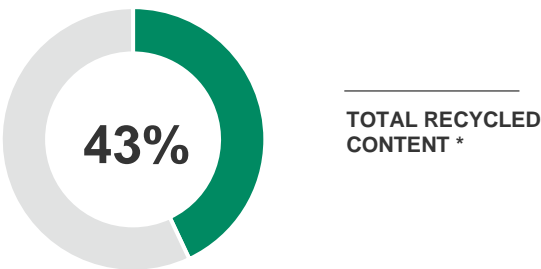
Product composition

| Material | Weight (kg) | Weight (%) | Resource Type |
|----------------------------------|-------------|------------|--------------------------------|
| Steel | 17.263 | 47.73% | Recycled, Virgin Non-renewable |
| Melamine and particleboard | 16.289 | 45.04% | Recycled, Virgin Renewable |
| Aluminum | 1.212 | 3.35% | Recycled, Virgin Non-renewable |
| PA6 and PA66 with/without filler | 0.766 | 2.12% | Virgin Non-renewable |
| PP | 0.423 | 1.17% | Virgin Non-renewable |
| Zamak | 0.146 | 0.40% | Virgin Non-renewable |
| Other plastic | 0.070 | 0.19% | Virgin Non-renewable |
| Total | 36.169 | 100% | |

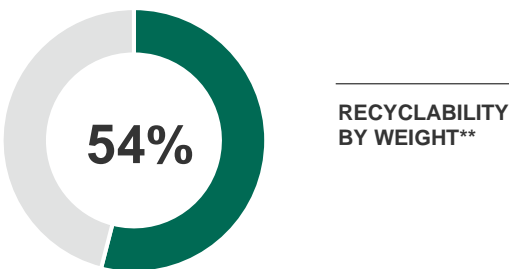
Product packaging composition

| Material | Weight (kg) | Weight (%) | Resource Type |
|-----------|-------------|------------|----------------------------|
| Cardboard | 1.873 | 87.14% | Recycled, Virgin Renewable |
| PE | 0.277 | 12.86% | Non-renewable |
| Total | 2.150 | 100% | |

Product recycled content* and recyclability** summary



*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. Excludes packaging.



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

RESULTS

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, and ISO 21930 LCI for primary energy and water usage. Results presented in this report are for one square meter of physical floor space for one occupant 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 (excludes biogenic carbon) (100 years) Warming of the atmosphere caused by the global release of greenhouse gases. | kg CO ₂ eq | 6.69E+01 | 1.26E+01 | 3.27E+00 | 1.51E+00 | 8.43E+01 |
| *Acidification Emissions that increase the acidity of the environment due to various chemical reactions and/or biological activity, or by natural circumstances. | kg SO ₂ eq | 3.36E-01 | 2.33E-02 | 1.60E-02 | 6.46E-03 | 3.81E-01 |
| *Photochemical ozone creation (Smog) Through various chemical reactions, which occur between nitrogen oxides (NO _x) and volatile organic compounds (VOCs) in sunlight. | kg O ₃ eq | 3.97E+00 | 3.77E-01 | 3.54E-01 | 4.21E-02 | 4.74E+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 | 1.01E-02 | 4.45E-03 | 1.32E-03 | 1.36E-03 | 1.72E-02 |
| *Ozone depletion Reduction of the stratospheric ozone layer due to anthropogenic emissions of ozone depleting substances. | kg CFC-11 eq | 1.12E-09 | 1.56E-12 | 1.04E-14 | 1.06E-10 | 1.23E-09 |
| Primary energy demand Energy consumption at the source. | MJ | 9.92E+02 | 3.29E+02 | 3.82E+01 | 6.64E+00 | 1.37E+03 |
| Net freshwater usage Freshwater used and otherwise not recoverable. | kg | 2.40E+02 | 7.68E+01 | 5.88E+00 | 5.88E+00 | 3.24E+01 |
| Renewable primary resources used as an energy carrier First use materials from renewable sources with energy content used as a fuel. | MJ | 8.90E+01 | 3.76E+01 | 1.63E+00 | 1.17E+00 | 1.29E+02 |
| Renewable primary resources used as material First use materials from renewable sources with energy content used as a material. | MJ | 0.00E+00 | 2.62E+01 | 0.00E+00 | 0.00E+00 | 2.62E+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 | 7.90E+02 | 2.20E+02 | 3.65E+01 | 5.47E+00 | 1.05E+03 |
| Non-renewable primary resources used as material First use materials from non-renewable sources with energy content used as a material. | MJ | 5.67E+01 | 9.55E+00 | 0.00E+00 | 0.00E+00 | 6.63E+01 |
| Recovered electrical energy (EEE) Electrical energy recovered from disposal of waste in previous systems | MJ | 0.00E+00 | 3.51E+00 | 5.94E-01 | 1.90E+00 | 6.00E+00 |
| Recovered thermal energy (EET) Thermal energy recovered from disposal of waste in previous systems | MJ | 0.00E+00 | 1.11E+00 | 7.19E-01 | 2.16E+00 | 3.98E+00 |

*Methods: TRACI 2.1, IPCC AR6

Global warming potential summary



Life cycle resource consumption & waste summary

Additionally, results have been calculated using LCIA methodologies for core environmental impact categories specified in EN 15804+A2, as well as LCI indicators required by EN15804+A2. The results are relative expressions and do not predict impacts on category endpoints, the exceeding of thresholds, safety margins, or risks.

| | | Product Stage | Construction Stage | | | Use Stage | | | | | | | End of Life | | | Benefits and Loads Beyond the System Boundary | |
|--|----------------|---------------|--------------------|----------|----|-----------|----|----|----|----|----|----|-------------|-----------|----------|---|--|
| | Unit | A1–A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D | |
| Climate change, total corrected | kg CO2 eq | 8.62E+01 | 2.72E+00 | 7.94E+00 | 0 | 4.33E-06 | 0 | 0 | 0 | 0 | 0 | 0 | 3.56E-02 | 4.94E+00 | 1.50E+02 | -4.14E+00 | |
| Climate change, fossil | kg CO2 eq | 8.51E+01 | 2.72E+00 | 1.30E-01 | 0 | 4.03E-06 | 0 | 0 | 0 | 0 | 0 | 0 | 3.56E-02 | 4.61E-01 | 1.90E-01 | -5.76E+00 | |
| Climate change, biogenic | kg CO2 eq | 1.05E+00 | 0.00E+00 | 7.81E+00 | 0 | 3.01E-07 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 4.48E+00 | 1.50E+02 | 1.62E+00 | |
| Climate change, land use and land use change | kg CO2 eq | 2.94E-02 | 1.48E-03 | 7.87E-05 | 0 | 2.78E-09 | 0 | 0 | 0 | 0 | 0 | 0 | 1.95E-05 | -2.58E-05 | 7.22E-04 | -1.21E-03 | |
| Ozone depletion | kg CFC-11 eq | 8.60E-10 | 3.98E-13 | 1.20E-13 | 0 | 2.66E-17 | 0 | 0 | 0 | 0 | 0 | 0 | 5.18E-15 | 1.41E-12 | 7.52E-11 | -9.46E-12 | |
| Acidification | Mole of H+ eq | 4.36E-01 | 1.70E-02 | 2.73E-04 | 0 | 1.00E-08 | 0 | 0 | 0 | 0 | 0 | 0 | 1.23E-04 | 4.01E-04 | 3.64E-03 | -1.98E-02 | |
| Eutrophication, freshwater | kg P eq. | 3.90E-04 | 1.34E-05 | 6.51E-06 | 0 | 3.51E-10 | 0 | 0 | 0 | 0 | 0 | 0 | 1.77E-07 | -6.56E-08 | 2.29E-05 | -1.18E-04 | |
| Eutrophication, marine | kg N eq | 7.61E-02 | 7.75E-03 | 1.37E-04 | 0 | 3.61E-09 | 0 | 0 | 0 | 0 | 0 | 0 | 6.01E-05 | 1.97E-04 | 1.48E-03 | -3.89E-03 | |
| Eutrophication, terrestrial | Mole of N eq | 8.13E-01 | 8.54E-02 | 1.05E-03 | 0 | 2.53E-08 | 0 | 0 | 0 | 0 | 0 | 0 | 6.63E-04 | 2.35E-03 | 1.43E-02 | -3.81E-02 | |
| Photochemical ozone formation, human health | kg NMVOC eq | 2.32E-01 | 1.61E-02 | 4.55E-04 | 0 | 6.99E-09 | 0 | 0 | 0 | 0 | 0 | 0 | 1.18E-04 | 5.21E-04 | 2.03E-03 | -1.21E-02 | |
| Resource use, mineral and metals** | kg Sb eq | 1.77E-03 | 3.57E-07 | 2.71E-09 | 0 | 2.88E-13 | 0 | 0 | 0 | 0 | 0 | 0 | 4.60E-09 | -3.48E-08 | 3.63E-10 | -1.42E-04 | |
| Resource use, fossils** | MJ | 1.21E+03 | 3.58E+01 | 7.25E-01 | 0 | 7.06E-05 | 0 | 0 | 0 | 0 | 0 | 0 | 4.72E-01 | 1.90E+00 | 3.11E+00 | -7.08E+01 | |
| Water use** | m3 world equiv | 7.20E+00 | 1.57E-01 | 3.16E-02 | 0 | 1.29E-03 | 0 | 0 | 0 | 0 | 0 | 0 | 2.08E-03 | 2.36E-01 | 3.14E-02 | -8.96E-01 | |
| Use of renewable primary energy (PERE) | MJ | 1.84E+02 | 1.55E+00 | 8.81E-02 | 0 | 1.59E-05 | 0 | 0 | 0 | 0 | 0 | 0 | 2.04E-02 | 6.94E-01 | 4.52E-01 | -3.13E+01 | |
| Primary energy resources used as raw materials (PERM) | MJ | 2.62E+01 | 0.00E+00 | 0.00E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| Total use of renewable primary energy resources (PERT) | MJ | 2.10E+02 | 1.55E+00 | 8.81E-02 | 0 | 1.59E-05 | 0 | 0 | 0 | 0 | 0 | 0 | 2.04E-02 | 6.94E-01 | 4.52E-01 | -3.13E+01 | |

FLEX® TABLE | ENVIRONMENTAL PRODUCT DECLARATION | STEELCASE EMEA

| | | Product Stage | Construction Stage | | | Use Stage | | | | | | | End of Life | | | Benefits and Loads Beyond the System Boundary | |
|--|------|---------------|--------------------|----------|----|-----------|----|----|----|----|----|----|-------------|----------|-----------|---|--|
| | Unit | A1–A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D | |
| Use of non-renewable primary energy (PENRE) | MJ | 1.15E+03 | 3.58E+01 | 7.25E-01 | 0 | 7.06E-05 | 0 | 0 | 0 | 0 | 0 | 0 | 4.72E-01 | 1.90E+00 | 3.11E+00 | -7.10E+01 | |
| Non-renewable primary energy resources used as raw materials (PENRM) | MJ | 6.63E+01 | 0.00E+00 | 0.00E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| Total use of non-renewable primary energy resources (PENRT) | MJ | 1.21E+03 | 3.58E+01 | 7.25E-01 | 0 | 7.06E-05 | 0 | 0 | 0 | 0 | 0 | 0 | 4.72E-01 | 1.90E+00 | 3.11E+00 | -7.10E+01 | |
| Input of secondary material (SM) | kg | 2.03E+01 | 0.00E+00 | 0.00E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| Use of net fresh water (FW) | M3 | 3.17E-01 | 5.12E-03 | 7.67E-04 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 6.77E-05 | 4.93E-03 | 8.87E-04 | -2.96E-01 | |
| Use of nonrenewable secondary fuels (NRSF) | MJ | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| Recovered energy (RE) | MJ | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| Use of renewable secondary fuels (RSF) | MJ | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| Hazardous waste disposed (HWD) | kg | 5.10E-03 | 4.83E-09 | 1.63E-10 | 0 | 3.34E-14 | 0 | 0 | 0 | 0 | 0 | 0 | 6.22E-11 | 1.66E-09 | 7.42E-10 | -1.82E-06 | |
| Non-hazardous waste disposed (NHWD) | kg | 5.88E+00 | 3.52E-03 | 5.23E-01 | 0 | 9.35E-06 | 0 | 0 | 0 | 0 | 0 | 0 | 4.63E-05 | 1.31E-01 | 8.28E+00 | -3.47E-01 | |
| Radioactive waste disposed (RWD) | kg | 3.71E-02 | 1.08E-04 | 1.11E-05 | 0 | 2.64E-09 | 0 | 0 | 0 | 0 | 0 | 0 | 1.39E-06 | 1.50E-04 | 4.23E-05 | -2.30E-03 | |
| Materials for recycling (MFR) | kg | 3.94E-01 | 0.00E+00 | 1.30E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 4.04E+00 | 0.00E+00 | 0.00E+00 | |
| Exported electrical energy (EEE) | MJ | 3.51E+00 | 0.00E+00 | 5.94E-01 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 1.90E+00 | -5.03E-03 | 0.00E+00 | |
| Exported thermal energy (EET) | MJ | 1.11E+00 | 0.00E+00 | 7.19E-01 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 2.18E+00 | -1.96E-02 | 0.00E+00 | |
| Components for re-use (CRU) | kg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| Material for energy recovery (MER) | kg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| Biogenic carbon removal in product (BCRP) | kg | 5.38E-01 | 0.00E+00 | 0.00E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |
| Biogenic carbon release in product (BCEP) | kg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 5.38E-01 | 0.00E+00 | |
| Biogenic carbon removal in packaging (BCRK) | kg | 2.95E+00 | 0.00E+00 | 0.00E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | |

| | | Product Stage | Construction Stage | | | | Use Stage | | | | | End of Life | | | Benefits and Loads Beyond the System Boundary | |
|--|-------------------|---------------|--------------------|----------|----|----------|-----------|----|----|----|----|-------------|----------|----------|---|-----------|
| | Unit | A1–A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | B6 | B7 | C1 | C2 | C3 | C4 | D |
| Biogenic carbon emission packaging (BCEK) | kg | 0.00E+00 | 0.00E+00 | 2.95E+00 | 0 | 0.00E+00 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Particulate matter emissions (PM) | Disease incidence | 9.54E-06 | 1.75E-07 | 2.49E-09 | 0 | 1.77E-13 | 0 | 0 | 0 | 0 | 0 | 0 | 1.17E-09 | 4.92E-09 | 3.12E-08 | -2.35E-07 |
| Ionizing human radiation (IRP)* | kBq U235 eq. | 5.10E+00 | 9.10E-03 | 1.63E-03 | 0 | 4.02E-07 | 0 | 0 | 0 | 0 | 0 | 0 | 1.17E-04 | 2.63E-02 | 5.52E-03 | -1.81E-01 |
| Eco-toxicity freshwater (ETP-fw)** | CTUe | 3.55E+02 | 2.80E+01 | 6.30E-01 | 0 | 1.11E-04 | 0 | 0 | 0 | 0 | 0 | 0 | 3.73E-01 | 3.08E-01 | 1.27E+01 | -1.87E+01 |
| Human toxicity - Cancer (HTP-c)** | CTUh | 3.00E-05 | 4.79E-10 | 1.43E-11 | 0 | 2.61E-15 | 0 | 0 | 0 | 0 | 0 | 0 | 6.36E-12 | 2.28E-11 | 1.33E-10 | -1.34E-09 |
| Human toxicity - noncancer (HTP-nc)** | CTUh | 1.05E-06 | 1.09E-08 | 1.14E-09 | 0 | 1.93E-13 | 0 | 0 | 0 | 0 | 0 | 0 | 1.45E-10 | 5.45E-10 | 3.06E-09 | -4.68E-08 |
| Land use related impacts / soil quality (SQP)** | n/a | 2.40E+02 | 6.74E+00 | 9.77E-02 | 0 | 1.08E-05 | 0 | 0 | 0 | 0 | 0 | 0 | 8.93E-02 | 3.48E-01 | 5.33E-01 | -4.38E+01 |

* This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionizing radiation from the soil, from radon and from some construction materials is also not measured by this indicator.

** The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator

Module D: 17% of recycled materials were assumed to be available for subsequent use and offset and equivalent number of primary materials. Recovered energy was assumed to be in the form of electrical energy and thermal heat from the average European-28 electricity grid mix to consumer.

Functional Unit

| Parameter | Value |
|---------------------------------|-----------------------------------|
| Declared unit | 1m2 of table for a 10-year period |
| Number of occupants | 1 |
| Reference service life required | 10 years |

A4: Transport to the building site

| Parameter | Value per functional unit | Value per functional unit |
|------------------------------------|---------------------------|---------------------------|
| Transportation type | Truck | Ship |
| Fuel consumption (l/km) | 0.42 diesel | 130 heavy fuel oil |
| Distance | 1094 km | 805 km |
| Capacity utilization | 67% | 53% |
| Capacity utilization volume factor | =1 | =1 |
| Weight of product (kg) | | 36.169 |
| Volume (m³) | | 1.2 |

A5: Installation in the building

| Parameter | Value per functional unit |
|-------------------------------|--|
| Packaging waste for recycling | 2.150 kg |
| Installation Assumptions | No product waste, Installed with hand tools. |

B1: Use

| Parameter | Value per functional unit |
|---|---------------------------|
| There are no emissions related to the expected use of this product. | |

B2: Maintenance

| Parameter | Value per functional unit |
|---|------------------------------|
| Maintenance Process | Cleaning with soap and water |
| Maintenance cycle | 0 |
| Ancillary Materials for maintenance (kg/cycle) | 0 |
| Waste materials resulting from maintenance (kg) | 0 |
| Net fresh water consumption during maintenance (m³) | 0.000030 |
| Energy input during maintenance (kWh) | 0 |

Reference service life (RSL)

| Parameter | Value per functional unit |
|-------------------------------|---|
| Reference service life | 10 years |
| Design application parameters | Use as indicated in product brochure and warranty |
| Declared product properties | Properties given in product description on page 3 |
| Indoor environment | Typical office and home environment |
| Use conditions | Typical office and home use |

B3: Repair

| Parameter | Value per functional unit |
|---|--|
| Repair process | No repairs are expected for this product |
| Inspection process | No repairs are expected for this product |
| Repair cycle (#/RSL) | 0 |
| Ancillary materials (kg) | 0 |
| Waste materials from repair (kg) | 0 |
| Net freshwater consumption during repair (m³) | 0 |
| Energy input during repair (kWh) | 0 |

B4: Replacement

| Parameter | Value per functional unit |
|--|---------------------------|
| Replacement cycle (#/RSL) | 0 |
| Energy input during replacement (kWh) | 0 |
| Exchange of worn parts during the products life cycle (kg) | 0 |

B5: Refurbishment

| Parameter | Value per functional unit |
|--|---|
| Refurbishment process | No refurbishment is expected for this product |
| Refurbishment cycle (#/RSL) | 0 |
| Energy input during refurbishment (kWh) | 0 |
| Material input for refurbishment (kg) | 0 |
| Waste material resulting from refurbishment (kg) | 0 |

B6 and B7: Use of energy and Use of Water

| Parameter | Value per functional unit |
|---------------------------------|---------------------------|
| Ancillary materials (kg) | 0 |
| Net freshwater consumption (m³) | 0 |
| Power output of equipment (kW) | 0 |
| Characteristic performance | n/a |

C1-C4: End-of-life

| Parameter | Value per functional unit |
|-----------------------------|---------------------------|
| Weight of product collected | 36.189 kg |
| Weight to recycling | 6.149 kg |
| Weight to energy recovery | 6.149 kg |
| Weight to landfill | 23.871 kg |
| Distance to recycling | 32.2 km |
| Distance to energy recovery | 32.2 km |
| Distance to landfill | 32.2 km |

ADDITIONAL ENVIRONMENTAL INFORMATION

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

EN 15804:2012+A2.2019/AC:2021, Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products.

Life Cycle Assessment, LCA Report for Steelcase. WAP Sustainability Consulting. August 2023. Steelcase update March 2024.

NSF BIFMA Product Category Rule (PCR) for Tables: UNCPC 3812.

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

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.



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