Environmental Product Declaration

In accordance with ISO 14025:2006 and EN 15804:2012+A2:2019/AC:2021 for:

UNIVERSAL STORAGE WITH TAMBOUR DOORS (1980x1200mm)

from

Steelcase

Programme:	The International EPD® System, www.environdec.com
Programme operator:	EPD International AB
EPD registration number:	EPD-IES-0002394
Publication date:	2025-02-28
Modification date:	2025-02-28
Valid until:	2030-02-28

An EPD should provide current information and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at www.environdec.com.

General Information

Programme Information

Programme:	The International EPD® System
Address:	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website:	www.environdec.com
E-mail:	info@environdec.com

Accountabilities for PCR, LCA and independent, third-party verification
Product Category Rules (PCR)
CEN standard EN 15804+A2 serves as the Core Product Category Rules (PCR)
Product Category Rules (PCR): *PCR 2019:14-c-PCR-021 Furniture (c-PCR to PCR 2019:14)* *(Adopted from EPD Norway)* *The validity of this adopted c-PCR has been prolonged until 2024-07-01, due to the initation of an updating process. A new adoption process will be initiated once the updating process has been completed.* *CPC 3812*
PCR review was conducted by: The Technical Committee of the International EPD System. See www.environdec.com for a list of members. Review chair: Claudia A. Peña, University of Concepción, Chile. The review panel may be contacted via the Secretariat www.environdec.com/contact
Life Cycle Assessment (LCA)
LCA accountability: *Steelcase*
Third-party verification
Independent third-party verification of the declaration and data, according to ISO 14025:2006 via: ☒ EPD verification by EPD Process Certification* Internal auditor: *José Manuel Jimenez* Third-party verification: *Tecnalia R&I Certification* Third-party verifier is accredited by: *ENAC, accreditation Nº 125/C-PR283* *For EPD Process Certification, an accredited certification body certifies and reviews the management process and verifies EPDs published on a regular basis. For details about third-party verification procedure of the EPDs, see GPI.
Procedure for follow-up of data during EPD validity involves third party verifier: ☐ Yes ☒ No

The EPD owner has the sole ownership, liability, and responsibility for the EPD.

EPDs within the same product category but registered in different EPD programmes, or not compliant with EN 15804, may not be comparable. For two EPDs to be comparable, they must be based on the same PCR (including the same version number) or be based on fully-aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have equivalent system boundaries and descriptions of data; apply equivalent data quality requirements, methods of data collection, and allocation methods; apply identical cut-off rules and impact assessment methods (including the same version of characterisation factors); have equivalent content declarations; and be valid at the time of comparison. For further information about comparability, see EN 15804 and ISO 14025.

Company information

Owner of the EPD: AF Steelcase, S.A. C/Antonio Lopez 243. 28041. Madrid. Spain
Contact: afinfo@steelcase.com. Phone +34912124700 – Jesús Batres Sicilia
Description of the organization: Sustainability at Steelcase is about people. Is based on the creating and supporting the economic, social and environmental conditions that allow people and communities to achieve their full potential.
Research and insights guide our path. It's not just about creating products but creating them with integrity. It is not about creating value, but about living our values. We're not talking about reducing our footprint, but rather expanding our reach. We try to generate significant and lasting change that motivates long-term well-being, both for present and future generations.
Innovative products and solutions. During the development of our products, we consider each phase of the life cycle: from the extraction of materials, production, transportation, use and reuse, until their end of life.

Product-related or management system-related certifications: Steelcase is a certified company in the ISO 9001, ISO 14001, ISO 14006, EPD, FSC® systems (FSC-C003932)

Manufacturing location

Universal Storage with tambour doors is manufactured in Madrid´s factory located in Street Antonio Lopez 243, Madrid, Spain.

Product information

Product Name: Universal Storage with tambour doors
Product identification: US3TMB1912
Product Description: The product analyzed is the Universal Storage of 1980x1200, with a metal structure and tambour doors. Inside the storage, 5 metal shelves are included.
Height: 1.980 mm
Width: 1.200 mm
Depth: 450 mm

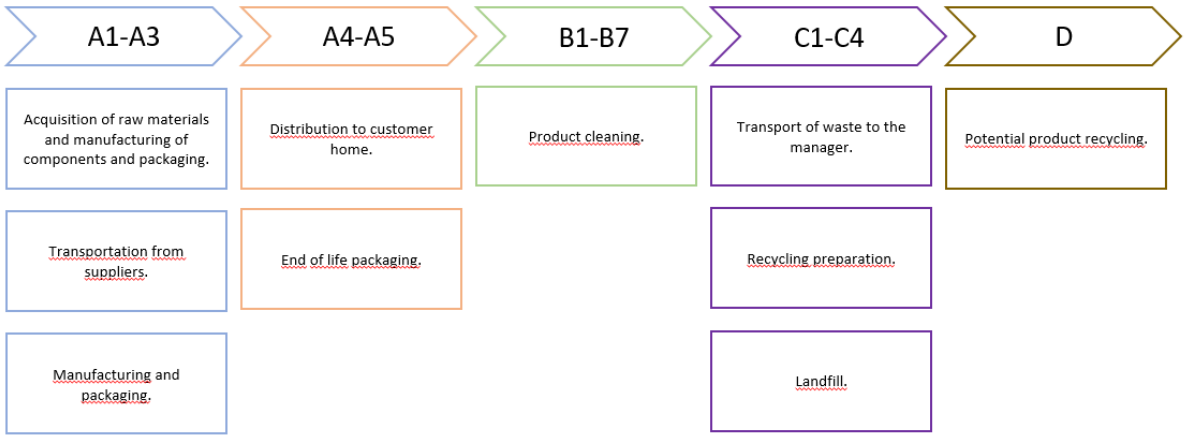
- Housing in steel sheet (0.75mm thick) composed of a welded structure with double tubular reinforcement.
- Slotted racks every 25mm to fix any interior accessory at the desired height.
- Levelers located inside the cabinet with 25mm regulation.
- Tambour doors in polypropylene with aluminum terminal slats.

UN CPC Code: 3812
Geographical scope: This product is only sold in the EMEA (Europe, Africa and Middle East) market. Materials and processes within stages A1 to A5 come from European countries.

It has been considered that the electricity consumed is medium voltage electricity generated by the residual Spanish electricity production mix for the year 2023 (source: CNMC Spain). This mix has the impact of *0.640 Kg CO2 eq/kWh*

LCA information

Functional unit / declared unit: 1 Universal Storage with tambour doors.
Reference service life: 15 years (5 days a week, 8 hours a day)
Time representativeness: Primary data has been collected during the years 2022 to 2024. Process data corresponds to 2023-2024. Electricity data corresponds to 2023.
Database(s) and LCA software used: Simapro v9.5.02 Ecoinvent Database v3.9.1.
Description of system boundaries: Cradle to grave (A, B, C), and module D
System diagram:



Excluded lifecycle stages: All modules have been included in scope. Modules B1, B3, B4, B5, B6, B7 and C1 are not applicable for this product (see justification in calculation assumptions). These are presented with zero in the results tables.

Calculation assumptions:

The scope of the calculations includes all known stages of the life cycle of the VolumArt Cabinet 1700x1000 swinging metal doors, without cut-off criteria. The evaluation considers the most typical version of the product, so possible customization is not considered, and the results are not valid in such situations. Allocation is based on weight, except on-site energy consumption at the production site, which is based on job hours per process.

The calculation follows the standards and PCR mentioned above, and the results are characterized in Simapro using EN 15804+A2 based on EF 3.1. factors.

Module A1-A3:

The product is manufactured from raw materials from various suppliers. The primary data that the providers provided were sufficient for the LCA. The manufacturing of the final product is carried out at AF Steelcase, S.A.'s own facilities.

The processes of metal parts include sheet metal cutting, bending, welding, and painting. It is also included the assembly process of the manufactured parts and their packaging with cardboard and packaging film. Auxiliary materials are included.

Module A4-A5:

Transportation to customers was calculated taking as reference the sales data from the previous VolumArt version. The assembly of our product on the client is manual.

Module B1-B7:

The VolumArt Cabinet 1700x1000 swinging metal doors product only requires a regular cleaning process at this stage, which will be done with soapy water. The rest of the modules are not applicable to this product, with normal use.

Module C1-C4:

The disassembly of the product is carried out in the same way as the assembly, that is, with hand tools, so the C1 module results in zero.

In module C2, the transport of materials to recycling points/landfills has been taken into consideration, based on the Community of Madrid, the maximum distance is 70 km and for the rest of EMEA, it cannot exceed 150 km.

In module C3, the waste that is recycled has been considered, and the processes necessary before recycling.

In module C4, the treatment of waste that cannot be recycled has been considered.

Module D:

Potential avoided loads from waste utilization are assessed in module D. The scope of the assessment is recovered materials in module C3 and packaging waste in module A5. Waste from production phase A3 is not considered in module D.

Declared modules, geographic scope, participation of specific data (in GWP-GHG indicator) and data variation:

	Product stage			Stage of the construction process		Use stage							End of road stage				Resource recovery stage
	Raw material supplied	Transport	Manufacturing	Distribuion	Facility	Use	Maintenance	Repair	Replacement	Rehabilitation	Operational energy use	Operational water suo	Uninstallation	Transport	Waste processing	Disposal	Reuse-Recovery-Recycling potencial
Module	**A1**	**A2**	**A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Modules declared	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Geography	EU	EU	ES	EMEA	EMEA	-	EMEA	-	-	-	-	-	-	EMEA	EMEA	EMEA	EMEA
Share of specific data	>70%			>90%		-	-	-	-	-	-	-	-	-	-	-	-
Variation-products	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation - sites	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-

EU: European Union

EMEA: Europe, Africa and Middle East

ES: España

Content information

Product components	Weight, kg	Post-consumer material, weight-%	Biogenic material, weight-% and kg C/kg
STEEL	63,6293 Kg	2,8812 Kg - 4,53 %	0,00 % – 0,0000 Kg
ALUMINIUM	0.2750 Kg	0,0010 Kg – 0,37 %	0,00 % – 0,0000 Kg
LDPE	0.0770 Kg	0,0462 Kg - 40,00 %	0,00 % – 0,0000 Kg
PAPER	0.0060 Kg	0,0000 Kg – 0,00 %	100,00 % – 0,0030 Kg
PE	0.3888 Kg	0,0097 Kg – 2,50 %	0,00 % – 0,0000 Kg
PAINT	2.7691 Kg	0,0000 Kg - 00,00 %	0,00 % – 0,0000 Kg
PP	7.0160 Kg	0,3500 Kg – 5,00 %	0,00 % – 0,0000 Kg
ZAMAK	0.2760 Kg	0,0000 Kg -00,00 %	0,00 % – 0,0000 Kg
TOTAL	**74,4371 Kg**	**3,2728 – 4,40**	**100,00 % -0,0030**
Packaging materials	**Weight, kg**	**Weight-% (versus the product)**	**Weight biogenic carbon, kg C/kg**
CARTÓN	1.3266 Kg	1.7840 %	0,6633 Kg
LDPE	0.2840 Kg	0.3819 %	0,0000 Kg
PP	0.0696 Kg	0.0936 %	0,0000 Kg
PE	0.0032 Kg	0.0043 %	0,0000 Kg
TOTAL	**1.6834 Kg**	2.2638 %	**0,5838 Kg**

Hazardous substances on the SVHC candidate list for authorization	EC No.	CAS No.	% by weight per functional or declared unit
Substance 1	Not applicable	Not applicable	
Substance 2	Not applicable	Not applicable	

There are no SVHC substances in the product or their quantities are below the limits of EU regulations.

Recycled material

Data on recycled material, both pre-consumption and post-consumption, has been provided by each supplier.

Universal Storage US3TMB1912 with tambour door has 95,28% recyclability.

The product has a percentage of recycled material of 19,46 % including pre-consumer 15,06 % and post-consumer 5,40%.

The packaging material has a recycled material percentage of 96,79%, including pre-consumer 78,16% and post-consumer 18,63%.

Product Material	Weight (Kg)	Pre-consumption (%)	Pre-consumption (Kg)	Post-consumption (Kg)	Post-consumption (%)
STEEL	63.6293	16.6821	10.6147	4.5282	2.8812
ALUMINUM	0.2750	24.6250	0.0677	0.3750	0.0010
LDPE	0.0770	60.0000	0.0462	40.0000	0.0308
PAPER	0.0060	0.0000	0.0000	0.0000	0.0000
PE	0.3888	2.5000	0.0097	2.5000	0.0097
PAINT	2.7691	0.0000	0.0000	0.0000	0.0000
PP	7.0160	4.9886	0.3500	4.9886	0.3500
ZAMAK	0.2760	45.0000	0.1242	0.0000	0.0000
TOTAL	**74.4371**	**15.0631**	**11.2125**	**4.3967**	**3.2728**
Packaging Material	Weight (Kg)	Pre-consumption (%)	Pre-consumption (Kg)	Post-consumption (Kg)	Post-consumption (%)
CARDBOARD	1,3266	85,0000	1,1276	15,0000	0,1990
LDPE	0,2840	60,0000	0,1704	40,0000	0,1136
PP	0,0696	24,8254	0,0173	0,0000	0,0000
PE	0,0032	15,0000	0,0005	30,0000	0,0010
TOTAL	**1,6834**	**78,1623**	**1,3158**	**18,6263**	**0,3136**

Results of the environmental performance indicators

Mandatory impact category indicators according to EN 15804

Results per functional or declared unit									
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B2**	**C2**	**C3**	**C4**	**D**
GWP-fossil	kg CO_2 eq.	1,56E+01	1,02E+00	1,43E+00	-1,18E+02	1,56E+01	1,02E+00	1,43E+00	-1,16E+02
GWP-biogenic	kg CO_2 eq.	1,02E-03	2,49E-01	1,11E-02	2,77E-01	1,02E-03	2,49E-01	1,11E-02	2,67E-01
GWP-luluc	kg CO_2 eq.	3,24E-04	7,02E-04	1,41E-05	-2,40E-03	3,24E-04	7,02E-04	1,41E-05	-1,82E-03
GWP-total	kg CO_2 eq.	1,56E+01	1,27E+00	1,44E+00	-1,18E+02	1,56E+01	1,27E+00	1,44E+00	-1,16E+02
ODP	kg CFC 11 eq.	3,35E-07	1,75E-08	3,81E-09	-1,96E-06	3,35E-07	1,75E-08	3,81E-09	-1,95E-06
AP	mol H^+ eq.	6,07E-02	3,51E-03	7,55E-04	-5,10E-01	6,07E-02	3,51E-03	7,55E-04	-4,98E-01
EP-freshwater	kg P eq.	1,19E-04	1,37E-04	1,01E-04	-5,20E-02	1,19E-04	1,37E-04	1,01E-04	-5,13E-02
EP-marine	kg N eq.	2,55E-02	1,83E-03	4,30E-04	-9,76E-02	2,55E-02	1,83E-03	4,30E-04	-9,59E-02
EP-terrestrial	mol N eq.	2,76E-01	1,44E-02	3,63E-03	-1,06E+00	2,76E-01	1,44E-02	3,63E-03	-1,05E+00
POCP	kg NMVOC eq.	1,06E-01	4,95E-03	9,22E-04	-5,62E-01	1,06E-01	4,95E-03	9,22E-04	-5,55E-01
ADP-minerals&metals*	kg Sb eq.	6,37E-07	8,07E-07	2,03E-08	-8,46E-04	6,37E-07	8,07E-07	2,03E-08	-8,48E-04
ADP-fossil*	MJ	2,07E+02	1,10E+01	6,49E-01	-1,41E+03	2,07E+02	1,10E+01	6,49E-01	-1,37E+03
WDP*	m^3	1,91E-01	5,54E-02	2,11E-01	-2,48E+01	1,91E-01	5,54E-02	2,11E-01	-2,38E+01
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption								

** Disclaimer: The results of this environmental impact indicator should be used with caution as the uncertainties of these results are high or experience with the indicator is limited. The use of the results of modules A1-A3 (A1-A5 for services) without considering the results of module C is discouraged.*

"The estimated impact results are only relative statements, which do not indicate the end points of the impact categories, exceeding the threshold values, safety margins and/or risks…"

Modules with zero inputs: results per functional or declared unit								
Indicator	**Unit**	**B1**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**
GWP-fossil	kg CO_2 eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
GWP-biogenic	kg CO_2 eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
GWP-luluc	kg CO_2 eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
GWP-total	kg CO_2 eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ODP	kg CFC 11 eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
AP	mol H^+ eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EP-freshwater	kg P eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EP-marine	kg N eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EP-terrestrial	mol N eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
POCP	kg NMVOC eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADP-minerals&metals*	kg Sb eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ADP-fossil*	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
WDP*	m^3	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Acronyms	GWP-fossil = Global Warming Potential fossil fuels; GWP-biogenic = Global Warming Potential biogenic; GWP-luluc = Global Warming Potential land use and land use change; ODP = Depletion potential of the stratospheric ozone layer; AP = Acidification potential, Accumulated Exceedance; EP-freshwater = Eutrophication potential, fraction of nutrients reaching freshwater end compartment; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption							

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Additional mandatory and voluntary impact category indicators

Results per functional or declared unit

Indicator	Unit	A1-A3	A4	A5	B2	C2	C3	C4	D
GWP-GHG[1]	kg CO_2 eq.	3,95E+02	2,36E+01	3,71E-01	8,65E+00	1,57E+01	1,26E+00	1,42E+00	-1,16E+02
Particulate matter	Inc. Enferm.	1,82E-05	2,16E-06	3,75E-08	5,63E-07	1,58E-06	8,54E-08	6,12E-09	-5,91E-06
Ionising radiation	kBq U-235 eq	5,02E+01	1,17E-01	1,87E-03	1,67E-01	7,92E-02	3,76E-02	1,72E-03	1,55E+00
Ecotoxicity, freshwater	CTUe	1,75E+03	1,37E+02	2,13E+00	3,92E+02	9,00E+01	6,95E+00	5,76E+00	-1,94E+02
Human toxicity, cancer	CTUh	1,36E-06	1,88E-08	4,89E-10	5,62E-09	2,06E-08	1,34E-09	3,44E-10	3,47E-07
Human toxicity, non-cancer	CTUh	4,13E-06	1,07E-07	6,89E-10	1,36E-07	2,91E-08	1,16E-08	1,37E-08	1,72E-05
Land use	Pt	6,35E+02	6,78E-01	1,23E-02	3,09E+02	5,00E-01	4,52E-01	1,78E-01	-3,91E+02

**Disclaimer: Using results from modules A1-A3 (A1-A5 for services) without considering results from module C is discouraged*

Modules with zero inputs: results per functional or declared unit

Indicator	Unit	B1	B3	B4	B5	B6	B7	C1
GWP-GHG1	kg CO2 eq.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Particulate matter	Inc. Enferm.	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Ionising radiation	kBq U-235 eq	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Ecotoxicity, freshwater	CTUe	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Human toxicity, cancer	CTUh	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Human toxicity, non-cancer	CTUh	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Land use	Pt	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

**Disclaimer: Using results from modules A1-A3 (A1-A5 for services) without considering results from module C is discouraged*

[1] This indicator accounts for all greenhouse gases except biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. As such, the indicator is identical to GWP-total except that the CF for biogenic CO_2 is set to zero.

Resource use indicators

Results per functional or declared unit									
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B2**	**C2**	**C3**	**C4**	**D**
PERE	MJ	5,01E+02	8,20E-01	1,33E-02	1,56E+02	5,61E-01	3,74E-01	2,04E-02	-1,16E+02
PERM	MJ	2,23E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	MJ	5,23E+02	8,20E-01	1,33E-02	1,56E+02	5,61E-01	3,74E-01	2,04E-02	-1,16E+02
PENRE	MJ	5,65E+03	3,10E+02	4,91E+00	3,42E+01	2,07E+02	1,10E+01	6,49E-01	-1,37E+03
PENRM	MJ	3,12E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	MJ	5,96E+03	3,10E+02	4,91E+00	3,42E+01	2,07E+02	1,10E+01	6,49E-01	-1,37E+03
SM	kg	1,61E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	m^3	2,61E+00	1,25E-02	1,97E-04	4,92E-01	8,33E-03	2,48E-03	2,75E-03	-3,89E-01
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water								

**Disclaimer: Using results from modules A1-A3 (A1-A5 for services) without considering results from module C is discouraged*

Modules with zero inputs: results per functional or declared unit								
Indicator	**Unit**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**
PERE	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRE	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRM	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
SM	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	m3	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water							

**Disclaimer: Using results from modules A1-A3 (A1-A5 for services) without considering results from module C is discouraged*

Waste indicators and output flow indicators

Waste

Results per functional or declared unit									
Indicator	**Unit**	**A1-A3**	**A4**	**A5**	**B2**	**C2**	**C3**	**C4**	**D**
Hazardous waste disposed	kg	5.35E-02	3.20E-03	3.43E-05	1.35E-04	2.23E-03	5.50E-07	4.82E-06	-1.20E-02
Non-hazardous waste disposed	kg	1.51E+02	2.57E-02	2.82E-04	1.19E+00	1.83E-02	2.77E-03	1.73E+00	-6.50E+01
Radioactive waste disposed	kg	1.90E-02	3.99E-05	4.21E-07	4.14E-05	2.74E-05	7.73E-08	5.08E-07	1.01E-03

**Disclaimer: Using results from modules A1-A3 (A1-A5 for services) without considering results from module C is discouraged*

Modules with zero inputs: results per functional or declared unit								
Indicator	**Unit**	**B1**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**
Hazardous waste disposed	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Non-hazardous waste disposed	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Radioactive waste disposed	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

**Disclaimer: Using results from modules A1-A3 (A1-A5 for services) without considering results from module C is discouraged*

Output flow indicators

Results per functional or declared unit				
Indicator	**Unit**	**A1-A3**	**A5**	**C3**
Components for re-use	kg	0.00E+00	0.00E+00	0,00E+00
Material for recycling	kg	2.32E+02	1.67E+00	1.13E+02
Materials for energy recovery	kg	0.00E+00	0.00E+00	0,00E+00
Exported energy, electricity	MJ	0.00E+00	0.00E+00	0,00E+00
Exported energy, thermal	MJ	0.00E+00	0.00E+00	0,00E+00

**Disclaimer: Using results from modules A1-A3 (A1-A5 for services) without considering results from module C is discouraged*

Modules with zero inputs: results per functional or declared unit												
Indicator	**Unit**	**A4**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C4**	**D**
Components for re-use	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Material for recycling	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Materials for energy recovery	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Exported energy, electricity	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Exported energy, thermal	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

**Disclaimer: Using results from modules A1-A3 (A1-A5 for services) without considering results from module C is discouraged*

Additional environmental information

Recommendations for use

- To guarantee an adequate life cycle, it is only necessary to clean the surface twice a week with a damp cloth.
- For daily cleaning it is recommended to use a soft Duster.
- Universal Storage with tambour doors to be easy to update and repair can be easily disassembled using hand tools.

Transport

- Both the weight and volume of the packaging have been reduced to a minimum, which means less energy use for transportation.

Composition

- The product analyzed does not contain dangerous materials (such as PVC, Cadmium, Mercury, Lead, Hexavalent Chromium, etc.) or harmful additives, such as fire retardants.

Production

- This product has been designed to achieve manufacturing with minimal waste generation, energy consumption and environmental impact.
- The Madrid plant has the ISO 14001, ISO 14006, ISO 9001, PEFC and FSC certificates.
- The paint applied does not contain VOCs and is free of heavy metals.

Final disposition

- Packaging materials are 96,79% recyclable.
- Universal Storage US3 TMB1912 1980x1200 is 95,28% recyclable, measured in terms of weight.
- All plastic parts weighing more than 50 grams of the product (not the packaging) are marked according to the ISO 11469 standard to facilitate the recycling of these products.
- Once it is decided to end the useful life of the Universal Storage 1980x1200 with swinging metal doors, it has been designed so that its components can be separated and recycled.
- All materials at their end of life have been considered in a recycling scenario, with the exception of hot melt adhesive and paint.

Notes

- The data shown in this declaration will be valid as long as there are no significant changes in the analyzed process.
- The results obtained for other product references or against statements written based on another certification system are not comparable.
- The verifier and the program operator are not responsible for any claims about the product nor for the legality of the product.

EPD Modification

Edition Control		
Edition Number	Date	Changes
00	2020-11-26	The EPD is published
01	2022-06-03	Expansion to EMEA market
02	2024-10-09	Improvements in Eco-design and adaptation to PCR 2019:14-c-PCR021. UNE EN 15804:2012+A2:2020

References

- General Programme Instructions of the International EPD® System. Version 4.0.
- PCR 2019:14-c-PCR-021 Furniture (c-PCR to PCR 2019:14) (Adapted from EPD Norway)
- NPCR 026:2022 Part B for furniture (references from EN 15804+A2)
- EN 15804:2012+A2:2019. Sustainability of construction works. Environmental product declarations. Basic standards for the category of construction products.
- EPD International PCR 2019:14 V1.3.2 for construction products.
- ISO 14040:2006/A1:2021. Environmental management – Life cycle assessment. Principles and framework.
- ISO 14044:2006 /A1:2018 + A2:2021. Environmental management – Life cycle assessment. Requirements and guidelines.
- ISO 14025:2006. Environmental declarations and labels.
- ECOINVENT. Ecoinvent Centre, www.ECO-invent.org
- SIMAPRO SimaPro LCA Software, Pré Consultants, the Netherlands, www.presustainability.com. SimaPro v9.1.0.11 multiuser. Data Base Ecoinvent 3.6

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