Opinione/Dichiarazione di Verifica n. IT26/2025007007

Si dichiara che la **Dichiarazione Ambientale di Prodotto** (rev. 2 del 28/04/2026) relativa al periodo dal 01/01/2025 al 31/12/2025, comprendente le fasi del ciclo di vita “Cradle to gate with modules C1–C4 and module D” effettuata da

JVP S.R.L.

Sede legale
Viale dell'Industria 16/20, 35028 Piove Di Sacco (PD), Italia

In conformità con
GENERAL PROGRAMME INSTRUCTIONS v.5, IES
PCR 2019:14 – Construction products, v.2.0.1

Per il seguente prodotto

C4TTMXG0 – Raised access floor panel with a galvanised recycled steel capsule and an internal recycled chipboard core

EPD-IES-0004511:001

Sede di produzione
Viale dell'Industria 16/20, 35028 Piove Di Sacco (PD), Italia

Riferimento studio LCA “Life Cycle Assessment study aimed at obtaining one Environmental Declaration for: C4TTMXG0 - Raised access floor panel with a galvanised recycled steel capsule and an internal recycled chipboard core” rev. 2 del 28/04/2026
Livello di garanzia: Ragionevole

È stata sottoposta ad un processo di verifica che si è concluso con esito **POSITIVO**.

Rev. n.1 del 30/04/2026.

La presente Opinione/Dichiarazione di Verifica non può essere letta o interpretata in assenza della Dichiarazione Ambientale di Prodotto cui fa riferimento.

Autorizzato da
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ISO 14025 www.sgs.com

02242

Environmental Product Declaration

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

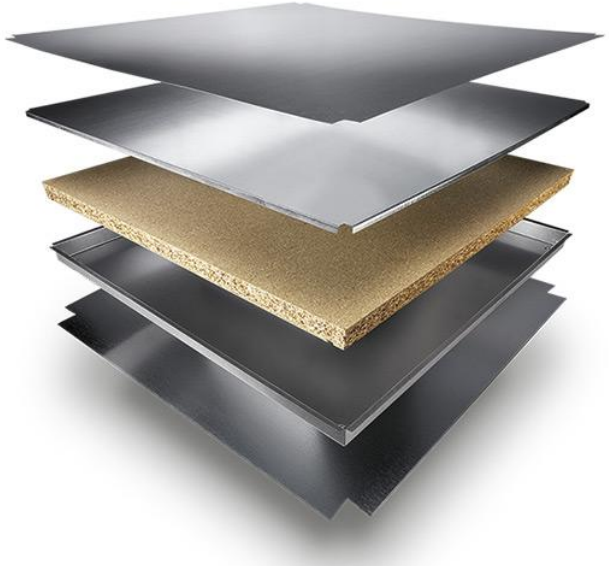
C4TTMXG0 - Raised access floor panel with a galvanised recycled steel capsule and an internal recycled chipboard core

(Product recently on the market – Results of this EPD shall be used with care as the LCI data is not yet based on 1 year of production which may result in increased uncertainty)

from

JVP S.R.L.

Programme:	The International EPD System, www.environdec.com
Programme operator:	EPD International AB
Type of EPD:	EPD of product recently on the market
EPD registration number:	EPD-IES-0004511:001
Version date:	2026-04-29
Validity date:	2031-04-28
	An EPD may be updated or depublished if conditions change. To find the latest version of the EPD and to confirm its validity, see 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:	support@environdec.com

Product Category Rules (PCR)
CEN standard EN 15804 serves as the Core Product Category Rules (PCR)
Product Category Rules (PCR): **Construction products, 2019: 14, version 2.0.1, valid until 2030-04-07** ***UN CPC: 314*** **"Boards and panels".**
PCR review was conducted by: Kristian Jelse, *Greendesk, IVL Swedish Environmental Research Institute, Secretariat of the International EPD System, CTME, Concrete NZ, Monk Spaces, Aquafil SpA*

Third-party Verification
Independent third-party verification of the declaration and data, according to ISO 14025:2006, via: ☒ **Individual EPD verification without a pre-verified LCA/EPD tool** Third-party verifier: SGS ICS Italia Srl; via Caldera No. 21 – 20153 Milan, Italy. Accredited by: Accredia; Accreditation number 02242
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 published in different EPD programmes, may not be comparable. For two EPDs to be comparable, they shall be based on the same PCR (including the same first-digit 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 identical scope in terms of included life-cycle stages (unless the excluded life-cycle stage is demonstrated to be insignificant); apply identical impact assessment methods (including the same version of characterisation factors); and be valid at the time of comparison.
For further information about comparability, see EN 15804 and ISO 14025.

INFORMATION ABOUT EPD OWNER

Owner of the EPD: JVP S.R.L.

Address: Viale dell'industria 16/20 – 35028 – Piove di Sacco (PD)

Contact: Carlo Valerio/Federica Fortin - sic@jvph.net / com@jvph.net

Address and contact information of the LCA practitioner commissioned by the EPD owner, if applicable:
Spin Life s.r.l – Spinoff dell'Università di Padova, Via C. Cerato 14 – 35122 - Padova
info@spinlife.it

Spinlife
SPIN-OFF DELL'UNIVERSITÀ DI PADOVA

Description of the organisation: JVP S.R.L., founded in 1998 in Piove di Sacco (PD), operates in the raised access flooring sector with the aim of providing high-performance and durable products. Among these, the JVP 4×4 panel is made with a galvanized steel sheet encapsulation that encloses a core of recycled chipboard or gypsum-fiberboard, sealed using a 4-edge perimeter folding system.

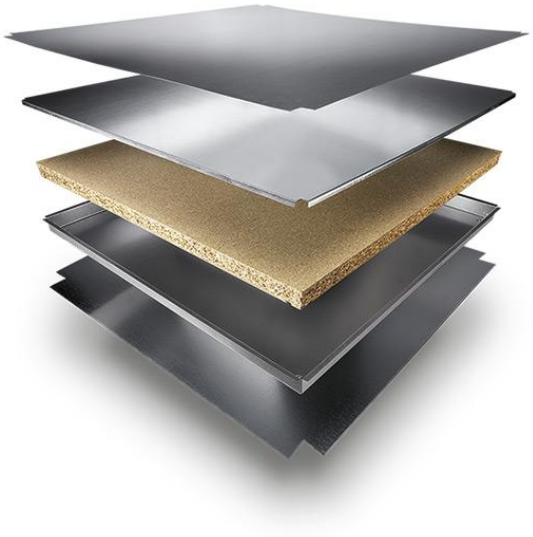
Product-related or management system-related certifications: UNI EN ISO 9001:2015, UNI EN ISO 14001:2015, FSC Forest Stewardship Council® - Chain of Custody, EPD Environmental Product Declaration for steel encapsulated panels for raised access floor, with gypsum fibreboard or particleboard.

PRODUCT INFORMATION

Product name: Raised access floor panel 4x4 with XCarb® recycled galvanised steel capsule and an internal recycled chipboard core

Product identification: Product identified with the code C4TTMXG0.

Visual representation of the product:



UN CPC code: UN CPC: 314 “Boards and panels”

Product description: Raised access floor panel composed of a chipboard core, made from recycled material and FSC-certified, enclosed within a steel encapsulation consisting of a tray and a top sheet in XCarb® recycled galvanised steel. Then, adhesive and catalyst are applied to the core to ensure proper bonding between the core and the capsule.

Name and location of production site: Viale dell’industria 16/20 – 35028 – Piove di Sacco (PD)

References to any relevant websites for more information or explanatory materials: https://jvph.net/azienda/

C4TTMXG0 is a panel recently on the market, as the product under study has been placed on the market on March 2026 and there aren’t available data for one year of production. So the EPD generated will follow the indication set on the chapter 4.10.6 of the PCR 2019:14 rev 2.0.1.
For EPDs of products “recently on the market”, a second verification is required using data covering 12 months of production of the panel in question, as required by GPI version 5.0.1.

Technical characteristics of the panel:

Technical characteristic	Value
Length	600 mm ± 0.2 mm
Width	600 mm ± 0.2 mm
Thickness	29 mm ± 0.3 mm
Weight	9,946 kg ± 0.5 kg
Orthogonality	± 0.3 mm
Concavity and convexity	<0.4 mm

CONTENT DECLARATION

Mass (weight) of one unit of a product, as purchased or per declared unit: 9,946 kg/panel (without the packaging of the finished product).

Content of the product in the form of a list of materials and substances, and their mass:

Product content	Mass, kg	Post-consumer recycled material, mass-% of product	Biogenic material, mass-% of product	Biogenic material, kg C/product or declared unit
Steel tray 662 x 662 x 0.40 mm	1,388	3,66%	/	/
Steel lid 629,5 x 629.5 x 0.40 mm	1,255	3,30%	/	/
Chipboard core 602 x 602 x 28 mm (height)	7,188	72,22%	0,00%	0,00
Concorde 440/2C adhesive	0,115	/	/	/
Concorde CTZ F250 hardener	0,005	/	/	/
TOTAL	**9,946**	**79,19%**	**0,00%**	**0,00**

Packaging materials	Mass, kg	Mass-% (versus the product)	Biogenic material, kg C/product or declared unit
Wood pallet	0,133	1,31%	**0,00**
Strapping	0,003	0,03%	/
Cardboard sleeve	0,038	0,37%	0,00
TOTAL	**0,174**	**1,72%**	**0,00**

The product does not contain substances included in the "Candidate list of substances of very high concern (SVHC) for authorization" in a percentage greater than 0.1%.
The average recycled content, which includes external pre- and post-consumer recycled scrap, is estimated to be approximately 95%.

LCA INFORMATION

Declared unit: 1 panel with its respective packaging

Conversion factor to mass if mass is not used as functional/declared unit:
9,946 kg/panel (without the packaging of the finished product).

Reference service life: JVP 4x4 systems are protected for at least 50 years of technical life by the JVP SL50 warranty.

Time representativeness: The primary data regarding the production process cover a period of 1 year, 01/01/2025 – 31/12/2025

Geographical scope
A1-A2: Europe
A3: Italian
C1-C4: Europe
D: Europe

Database(s) and LCA software used: Ecoinvent v 3.10, Cut-off by classification; SimaPro Craft v 10.2

Description of system boundaries:
The LCA analysis conducted takes into account upstream, core and downstream processes. Specifically, the system boundaries considered in this study are "*from cradle to gate with modules C1–C4 and module D (A1–A3 + C + D)*".

The following stages of the product life cycle are included in the various modules as follows:

Module A1: Raw material supply – includes the extraction and production of the raw materials used, the production of the packaging with which the raw materials reach the production plant, and the production and consumption of the energy carriers (electricity and natural gas) used in the production process.

Energy source behind Italy electricity mix used in the manufacturing process and its climate impact as kg CO_2 e/kWh is reported below.

Information	Description	Quantity
Dataset	*Electricity, medium voltage {IT}| electricity, medium voltage, residual mix | Cut-off, U*	**64%**
Dataset	*Electricity, low voltage {IT}| electricity production, photovoltaic, 3kWp slanted-roof installation, single-Si, panel, mounted | Cut-off, U*	**36%**
GWP-GHG	kg CO_2 e/kWh	**0,43**

Recycled materials used contribute more than 10% of GWP-GHG in the module A1-A3. Their climate impacts as kgCO2e/tonne are reported below.

Material	Source	GWP-GHG (kgCO2e/tonne)
XCarb® recycled galvanised steel	*EPD S-P-11500*	**8,76E+02**
Chipboard	Ecoinvent 3.10	**3,73E+02**

Module A2: Transport (to manufacturer) – Includes the transport of raw materials from the producer to the production plants.

Module A3: Manufacturing – Includes emissions generated during the production process, water consumption during the production process, waste generated during the production process, its transport to the disposal site and treatment, and the production of packaging for the finished product;

Module A5*: Balancing out reporting of CO_2;

Module C1: Deconstruction/Demolition – No consumption was associated with this phase as it was assumed that the dismantling of the panels and their separation into components, chipboard and steel would be done manually.

Module C2: Transport (Waste) – Includes the transport of dismantled materials to the disposal and/or recovery center. End-of-life products are sent to sorting centres, therefore a distance of 50 km is conservatively assumed. In the absence of information on the means of transport used, the following datasets were conservatively used: *Transport, freight, lorry 16-32 metric ton, EURO5 {RER}| transport, freight, lorry 16-32 metric ton, EURO5 | Cut-off, U*.

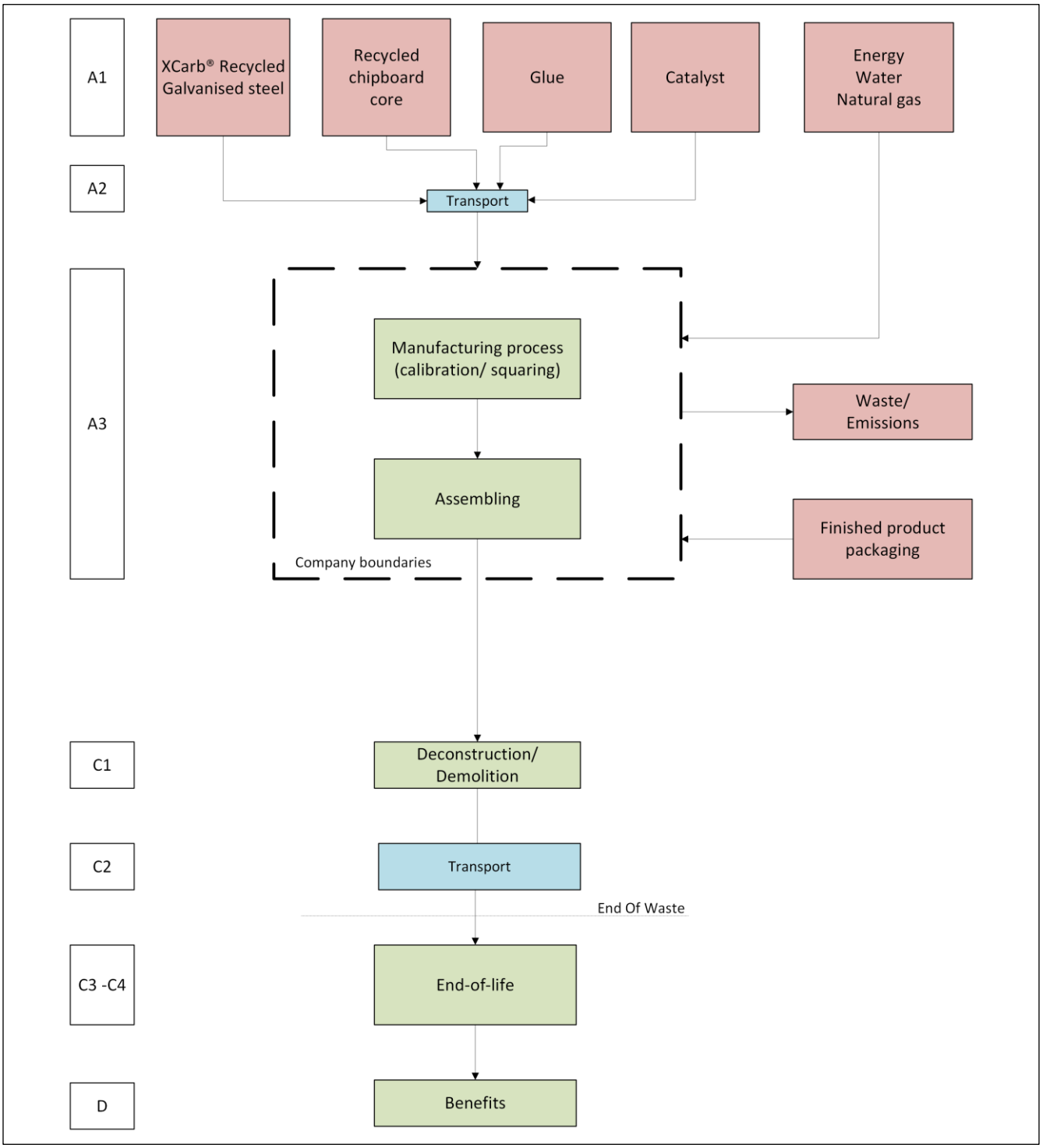
Module C3: Recycling – includes preliminary treatment for material fractions intended for recycling. It is assumed that products will be handled according to the disposal scenario in accordance with the statistics provided by Eurostat (2022). The scenarios used are specific by type of panel component, wood component and metal component. Within the latter, the shares of glue and catalyst used in the panel assembly are also included.

Module C4: Waste processing and disposal – includes consumption associated with the disposal of materials (landfill and incineration). It is assumed that products will be handled according to the disposal scenario in accordance with the statistics provided by Eurostat (2022). The scenarios used are specific by type of panel component, wood component and metal component. Within the latter, the shares of glue and catalyst used in the panel assembly are also included.

Module D: Benefits – includes the potential benefits deriving from the recycling and/or recovery of the material.

It is emphasized that the construction, maintenance and decommissioning of infrastructures, understood as buildings, and the occupation of industrial land were not considered, since it is believed that their contribution to the environmental impact of the declared unit is negligible.

Process flow diagram:



More information:

Allocation rules: In this study, a physical allocation method based on the 'panel' unit was used, as the production data provided by the company is expressed in terms of number of panels produced during the reference year. In the calendar year 2025, the company simultaneously produced two products: panels with a virgin galvanised steel outer layer and a core of recycled chipboard, and panels with a

virgin galvanised steel outer layer and a gypsum fibre core, totalling 1.226.677 panels. Therefore, to obtain the plant consumption expressed per 1 panel, an allocation coefficient of 1/1.226.677 was used.

Cut-off rules: The inputs subject to the cut-off are listed below:

- paper consumption in the company's office operations;
- packaging of raw materials, packaging of finished products packaging and packaging of auxiliary materials;
- auxiliary materials, excluding sandpaper and lubricating oil;
- inbound transport of auxiliary materials.

Assumptions and limitations:

Where available, primary data were used to conduct this study. Where access to such data was not possible, datasets from the Ecoinvent v 3.10 database were used as a reference.

The main assumptions made in this study are set out below:

- in order to ensure a balanced water consumption account for the company, an output of water discharges was assumed, the quantity of which was obtained from the difference between water consumption at the input and the wastewater resulting from the production process, identified by code EER 080416.
- plant waste intended for recovery (R13) was modelled as waste intended for recycling;
- as a precautionary measure, it was assumed that all waste categorised as hazardous is destined for landfill disposal;
- it was assumed that the dismantling and separation of the panel components upon completion of the use phase, i.e. module C1, takes place manually and without the use of machinery. Therefore, it was assumed that there is no consumption associated with module C1;
- A default transport distance of 50 km has been assumed to cover the distance between the panel installation site and the company responsible for managing the end-of-life of the panel components;
- Specific end-of-life management scenarios have been defined for the panel's various components, namely wooden and steel elements;
- The adhesive and catalyst used in the assembly of the panel have been included in the management of the metal component;
- Due to the unavailability of the dataset, the sandpaper has been modelled both in terms of composition and quantity based on assumptions derived from technical data sheets available online.

The method chosen to evaluate the potential environmental impacts of the product subject of this study is the method provided by the standard EN 15804 (CEN, 2019), following the version EF 3.1.

Modules declared, geographical scope, share of primary data (in GWP-GHG results) and data variation (in GWP-GHG results):

	Product stage			Distribution/ installation stage		Use stage							End-of-life stage				Beyond product life cycle
	Raw material supply	Transport	Manufacturing	Transport	Construction installation	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse-Recovery-Recycling-potential
Module	**A1**	**A2**	**A3**	**A4**	**A5**	**B1**	**B2**	**B3**	**B4**	**B5**	**B6**	**B7**	**C1**	**C2**	**C3**	**C4**	**D**
Modules declared	X	X	X	ND	X	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	EU 27	EU 27	IT	ND	ND	ND	ND	ND	ND	ND	ND	ND	EU27	EU27	EU27	EU27	EU
Share of primary data	63,06%					-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	ND					-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	ND					-	-	-	-	-	-	-	-	-	-	-	-

The EPD uses background data from Ecoinvent 3.10 and specific data from suppliers. Data quality assessment was performed for data that together contributed at least 80% of the results of each of the reported environmental impact indicators. The quality of the relevant data used for the EPD in terms of its time, geography and technology representativeness using EN 15804:2012+A2:2019, Annex E, E2 is mostly “very good” and “good”. The relevant data assessed included no "poor” or “very poor” data. The total share of primary data contributing to the declared GWP-GHG results of modules A1-A3 is equal to 63,06%, as reported in the table below.

Process	Source type	Source	Reference year	Data category	Share of primary data, of GWP-GHG results for A1-A3
Production of XCarb ® recycled galvanised steel	EPD from supplier	S-P-11500	2021	Primary data	50,03%
Generation of electricity	Database	Ecoinvent v3.10	2025	Primary data	1,73%
Transport to manufacturing site	Database	Ecoinvent v3.10	2025	Primary data	11,31%
Othe processes	Database	Ecoinvent v3.10	2025	Secondary data	0,00%
Total share of primary data, of GWP-GHG results for A1-A3					63,06%

The share of primary data is calculated based on GWP-GHG results. It is a simplified indicator for data quality that supports the use of more primary data, to increase the representativeness of and comparability between EPDs. Note that the indicator does not capture all relevant aspects of data quality and is not comparable across product categories.

ENVIRONMENTAL PERFORMANCE

LCA results of the product - main environmental performance results

The results reported below refer to the panel with XCarb® recycled galvanised steel capsule and a recycled particleboard core, identified with the code C4TTMXG0.

Mandatory impact category indicators according to EN 15804

Indicator	Unit	A1-A3	A5*	C1	C2	C3	C4	D
GWP-total	kg CO_2 eq.	-5,65E+00	2,92E-01	0,00E+00	9,91E-02	0,00E+00	1,21E+01	-2,26E+00
GWP-fossil	kg CO_2 eq.	6,70E+00	0,00E+00	0,00E+00	9,90E-02	0,00E+00	5,83E-02	-2,26E+00
GWP-biogenic	kg CO_2 eq.	-1,23E+01	2,92E-01	0,00E+00	1,77E-05	0,00E+00	1,21E+01	-8,78E-04
GWP-luluc	kg CO_2 eq.	3,51E-03	0,00E+00	0,00E+00	3,24E-05	0,00E+00	1,43E-05	-1,79E-04
ODP	kg CFC 11 eq.	1,29E-07	0,00E+00	0,00E+00	1,97E-09	0,00E+00	6,61E-10	-6,72E-08
AP	mol H^+ eq.	3,03E-02	0,00E+00	0,00E+00	3,10E-04	0,00E+00	6,03E-04	-3,61E-03
EP-freshwater	kg P eq.	7,89E-04	0,00E+00	0,00E+00	6,61E-06	0,00E+00	2,53E-05	-4,01E-05
EP-marine	kg N eq.	8,25E-03	0,00E+00	0,00E+00	1,04E-04	0,00E+00	3,24E-04	-8,98E-04
EP-terrestrial	mol N eq.	9,47E-02	0,00E+00	0,00E+00	1,14E-03	0,00E+00	3,07E-03	-9,64E-03
POCP	kg NMVOC eq.	3,59E-02	0,00E+00	0,00E+00	4,85E-04	0,00E+00	7,74E-04	-4,55E-03
ADP-minerals&metals*	kg Sb eq.	2,82E-05	0,00E+00	0,00E+00	3,17E-07	0,00E+00	1,01E-07	-1,14E-06
ADP-fossil*	MJ	4,38E+01	0,00E+00	0,00E+00	1,14E-01	0,00E+00	1,20E-01	-5,27E+00
WDP*	m^3	3,39E+00	0,00E+00	0,00E+00	5,70E-03	0,00E+00	2,45E-02	-1,31E-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							

** A5 - Balancing out reporting*
Disclaimer: 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.
The estimated impact results are only relative statements, which do not indicate the endpoints of the impact categories, exceeding threshold values, safety margins and/or risks.
The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3).

Additional mandatory and voluntary impact category indicators

Indicator	Unit	A1-A3	A5*	C1	C2	C3	C4	D
GWP-GHG[1]	kg CO_2 eq.	9,04E+00	0,00E+00	0,00E+00	9,91E-02	0,00E+00	5,92E-02	-2,57E+00

** A5 - Balancing out reporting*

Resource use indicators

Indicator	Unit	A1-A3	A5*	C1	C2	C3	C4	D
PERE**	MJ	5,89E+01	0,00E+00	0,00E+00	2,28E-02	0,00E+00	1,23E-02	-4,90E+00
PERM**	MJ	1,05E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT**	MJ	1,64E+02	0,00E+00	0,00E+00	2,28E-02	0,00E+00	1,23E-02	-7,97E+00
PENRE**	MJ	1,08E+02	0,00E+00	0,00E+00	1,39E+00	0,00E+00	5,22E-01	-3,78E+01
PENRM**	MJ	3,12E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT**	MJ	1,11E+02	0,00E+00	0,00E+00	1,39E+00	0,00E+00	5,22E-01	-3,78E+01
SM	kg	1,00E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-3,26E-01
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	m^3	8,53E-02	0,00E+00	0,00E+00	1,81E-04	0,00E+00	6,78E-04	-8,03E-03
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							

[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.

** A5 - Balancing out of reporting*
*** The method chosen for modelling the primary energy use indicators is the one indicated as "option B" in the reference PCR.*

Waste indicators

Indicator	Unit	A1-A3	A5*	C1	C2	C3	C4	D
Hazardous waste disposed	kg	4,96E-04	0,00E+00	0,00E+00	9,37E-06	0,00E+00	3,21E-06	-1,37E-04
Non-hazardous waste disposed	kg	1,25E+00	0,00E+00	0,00E+00	6,60E-02	0,00E+00	1,05E-01	-5,28E-02
Radioactive waste disposed	kg	1,06E-03	0,00E+00	0,00E+00	4,43E-07	0,00E+00	1,50E-07	-1,26E-04

** A5 - Balancing out oreporting*

Output flow indicators

Indicator	Unit	A1-A3	A5*	C1	C2	C3	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
Material for recycling	kg	6,74E-02	0,00E+00	0,00E+00	0,00E+00	1,30E+01	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
Exported energy, electricity	MJ	1,92E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,30E+01	0,00E+00
Exported energy, thermal	MJ	1,43E-03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,48E+00	0,00E+00

** A5 - Balancing out of reporting*

Information on biogenic carbon content

BIOGENIC CARBON CONTENT	Unit	A1-A3	A5**	C1	C2	C3	C4	D
Biogenic carbon content in product [1]	kgC	6,59E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Biogenic carbon content in packaging [1]	kgC	7,96E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

[1] 1 kg biogenic carbon in the product/packaging is equivalent to the uptake of 44/12 kg of CO2.

The same results presented above, for the same representative product and with the same assumptions and declared unit, are here reported for three different downstream scenarios:

1. the product sent entirely to landfill;
2. the product sent entirely to incineration treatment;
3. the product sent entirely to recycling treatment.

Results for 100% landfill at end of life						
Indicator	**Unit**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO_2 eq.	0,00E+00	9,91E-02	0,00E+00	1,26E+01	0,00E+00
GWP-fossil	kg CO_2 eq.	0,00E+00	9,90E-02	0,00E+00	1,02E-01	0,00E+00
GWP-biogenic	kg CO_2 eq.	0,00E+00	1,77E-05	0,00E+00	1,25E+01	0,00E+00
GWP-luluc	kg CO_2 eq.	0,00E+00	3,24E-05	0,00E+00	5,60E-05	0,00E+00
ODP	kg CFC 11 eq.	0,00E+00	1,97E-09	0,00E+00	2,65E-09	0,00E+00
AP	mol H^+ eq.	0,00E+00	3,10E-04	0,00E+00	7,14E-04	0,00E+00
EP-freshwater	kg P eq.	0,00E+00	6,61E-06	0,00E+00	6,62E-05	0,00E+00
EP-marine	kg N eq.	0,00E+00	1,04E-04	0,00E+00	2,79E-03	0,00E+00
EP-terrestrial	mol N eq.	0,00E+00	1,14E-03	0,00E+00	2,94E-03	0,00E+00
POCP	kg NMVOC eq.	0,00E+00	4,85E-04	0,00E+00	1,17E-03	0,00E+00
ADP-minerals&metals*	kg Sb eq.	0,00E+00	3,17E-07	0,00E+00	2,10E-07	0,00E+00
ADP-fossil*	MJ	0,00E+00	1,14E-01	0,00E+00	1,91E-01	0,00E+00
WDP*	m^3	0,00E+00	5,70E-03	0,00E+00	-1,17E+00	0,00E+00

Results for 100% incineration at end of life						
Indicator	**Unit**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO_2 eq.	0,00E+00	9,91E-02	0,00E+00	1,22E+01	-5,66E+00
GWP-fossil	kg CO_2 eq.	0,00E+00	9,90E-02	0,00E+00	1,66E-01	-5,66E+00
GWP-biogenic	kg CO_2 eq.	0,00E+00	1,77E-05	0,00E+00	1,21E+01	-2,21E-03
GWP-luluc	kg CO_2 eq.	0,00E+00	3,24E-05	0,00E+00	5,04E-05	-6,28E-04
ODP	kg CFC 11 eq.	0,00E+00	1,97E-09	0,00E+00	2,32E-09	-1,81E-07
AP	mol H^+ eq.	0,00E+00	3,10E-04	0,00E+00	1,48E-03	-8,91E-03
EP-freshwater	kg P eq.	0,00E+00	6,61E-06	0,00E+00	8,59E-05	-4,19E-04
EP-marine	kg N eq.	0,00E+00	1,04E-04	0,00E+00	7,45E-04	-2,06E-03
EP-terrestrial	mol N eq.	0,00E+00	1,14E-03	0,00E+00	7,29E-03	-2,17E-02
POCP	kg NMVOC eq.	0,00E+00	4,85E-04	0,00E+00	1,94E-03	-1,16E-02
ADP-minerals&metals*	kg Sb eq.	0,00E+00	3,17E-07	0,00E+00	3,42E-07	-5,71E-06
ADP-fossil*	MJ	0,00E+00	1,14E-01	0,00E+00	3,50E-01	-8,91E+00
WDP*	m^3	0,00E+00	5,70E-03	0,00E+00	7,09E-02	-6,76E-01

Results for 100% recycled at end of life						
Indicator	**Unit**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-total	kg CO_2 eq.	0,00E+00	9,91E-02	5,38E-02	1,21E+01	-2,23E+00
GWP-fossil	kg CO_2 eq.	0,00E+00	9,90E-02	5,35E-02	0,00E+00	-2,23E+00
GWP-biogenic	kg CO_2 eq.	0,00E+00	1,77E-05	1,26E-04	1,21E+01	-8,89E-04
GWP-luluc	kg CO_2 eq.	0,00E+00	3,24E-05	1,53E-04	0,00E+00	-2,48E-04
ODP	kg CFC 11 eq.	0,00E+00	1,97E-09	8,72E-10	0,00E+00	-6,62E-08
AP	mol H^+ eq.	0,00E+00	3,10E-04	2,71E-04	0,00E+00	-3,62E-03
EP-freshwater	kg P eq.	0,00E+00	6,61E-06	4,48E-05	0,00E+00	-4,12E-05
EP-marine	kg N eq.	0,00E+00	1,04E-04	4,89E-05	0,00E+00	-9,06E-04
EP-terrestrial	mol N eq.	0,00E+00	1,14E-03	4,45E-04	0,00E+00	-9,75E-03
POCP	kg NMVOC eq.	0,00E+00	4,85E-04	1,44E-04	0,00E+00	-4,58E-03
ADP-minerals&metals*	kg Sb eq.	0,00E+00	3,17E-07	1,39E-07	0,00E+00	-1,17E-06
ADP-fossil*	MJ	0,00E+00	1,14E-01	8,53E-01	0,00E+00	-5,27E+00
WDP*	m^3	0,00E+00	5,70E-03	9,35E-04	0,00E+00	-1,33E-01

ABBREVIATIONS

Abbreviation	Definition
General Abbreviations	
EN	European Norm (Standard)
EF	Environmental Footprint
GPI	General Programme Instructions
ISO	International Organization for Standardization
CPC	Central product classification
SVHC	Substances of Very High Concern
ND	Not Declared

REFERENCES

a) General Programme Instructions of International EPD System. Version 5.0.1.
b) PCR 2019:14. Construction Products, Version 2.0.1
c) EPD *"XCarb® recycled and renewably produced Hot Dip Galvanised steel coils with zinc coating"* - EPD registration number: S-P-11500
d) ISO 14040:2006+A1:2020 Environmental management - Life cycle assessment - Principles and framework
e) ISO 14044:2006+A1:2017+A2:2020 Environmental management — Life cycle assessment — Requirements and guidelines
f) ISO 14025:2006 Environmental labels and declarations – Type III environmental declarations – Principles and procedures
g) EN 15804:2012+A2:2019/AC:2021 Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction works
h) LCA report: Life Cycle Assessment study aimed at obtaining one Environmental Declaration for: Raised access floor panel with XCarb® recycled galvanised steel capsule and an internal recycled chipboard core

VERSION HISTORY

Version 1, 2026-MM-DD

- Original Version of the EPD

EPD
INTERNATIONAL EPD SYSTEM
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