

Environmental Product Declaration



 **EPD**
INTERNATIONAL EPD SYSTEM

 **EPD**
TÜRKİYE
INTERNATIONAL EPD SYSTEM

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

YETI-Anchor

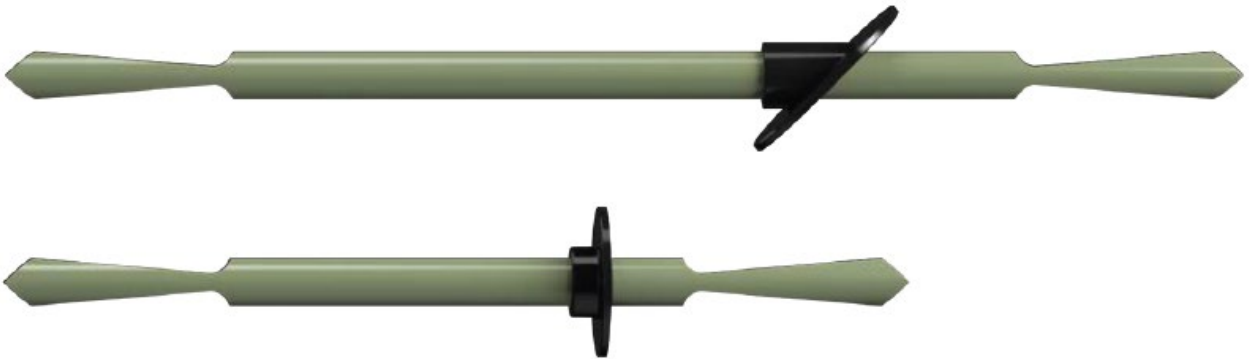
from

Composite Connections İnşaat San. ve Tic. Ltd. Şti.

Composite**Connections**

Programme:	The International EPD System, www.environdec.com
Programme operator:	EPD International AB
Licensee:	EPD Türkiye
Type of EPD:	EPD of multiple products, based on a representative product
EPD registration number:	EPD-IES-0025975
Version date:	2026-01-DD
Validity date:	2031-01-DD

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
Licensee:	EPD Türkiye
Address:	NEF O9 B Blok No:7/15, 34415, İstanbul, Türkiye
Website:	www.epdturkey.org

Product Category Rules (PCR)
CEN standard EN 15804 serves as the Core Product Category Rules (PCR)
Product Category Rules (PCR): <i>PCR 2019:14 Construction products (EN 15804+A2) (2.0.1)</i>
PCR review was conducted by: <i>The Technical Committee of the International EPD System. See www.environdec.com for a list of members. Review chair: Rob Rouwette (chair), Noa Meron (co-chair). The review panel may be contacted via the Secretariat www.environdec.com/support.</i>

Life Cycle Assessment (LCA)
LCA accountability: Yıldırım Yılmaz Metsims Sustainability Consulting

Third-party Verification
Independent third-party verification of the declaration and data, according to ISO 14025:2006, via:
<input checked="" type="checkbox"/> Individual EPD verification without a pre-verified LCA/EPD tool Third-party verifier: Agnieszka Pikus, Greenwise Approved by: International EPD System
Procedure for follow-up of data during EPD validity involves third party verifier:
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 programs, 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 characterization 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: Composite Connections İnşaat San. ve Tic. Ltd. Şti.

Address: Cumhuriyet Serbest Belge Mah. Eke Fence 1 Sk. No:2/N, Çardak/Denizli/Türkiye

Contact: Süleyman Aytekin

Address and contact information of the LCA practitioner commissioned by the EPD owner:

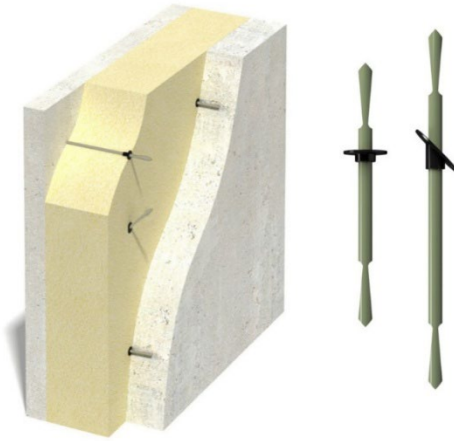
Metsims Sustainability Consulting, Sanayi Mah Hümevra Sokak No:7/46-47 NEF09, B-Blok, 34415 Kağıthane/İstanbul. +90212 281 13 33

Description of the organization: Composite Connections develop and manufacture thermally insulating fixings and structural connections designed to remove thermal bridging from super insulated buildings.

PRODUCT INFORMATION

Product name: YETI-Anchor

Product identification: A range of glass fibre composite connectors used in insulated concrete sandwich wall panels. They connect the layers together and remove the thermal bridge created by steel anchors and are designed to resist static and transient tension and shear loads in concrete.



UN CPC code: 36950 Builders' ware of plastics n.e.c.

Product description: The YETI-Anchor is designed specifically for application in tilt-up and precast insulated concrete sandwich panels with a horizontal pour. Manufactured from high performance, continuous glass-fiber reinforced polymer, the YETI-Anchor is strong, highly durable and thermally insulating. It is designed to be deployed in place of traditional heat conductive metallic connection products. The YETI-Anchor provides a cost effective, quick and efficient method for reducing the energy consumption of a building for the entirety of its service life. Variable anchor lengths are available to suit different insulation thicknesses.

The YETI-Anchor can be combined in the following configurations:

- Horizontal anchors: a simple solution for non-composite panels where the internal wythe is fully load supporting
- Horizontal and diagonal anchors; combination of horizontal and diagonal anchors allow for greater shear loads and thicker exterior wythes

Physical and Mechanical Properties

Bar Diameter	15 mm
Cross-Sectional Area	176.7 mm ²
Moment Of Inertia	2485 mm ⁴
Thermal Conductivity	0.7 W/ (m*K)
Bending Elastic Modulus ASTM D790	50,200 MPa
Tensile Strength ASTM D3039/D3039M	1,300 MPa

Fire tested successfully in accordance with ASTM E119 (4-hour rating), BS EN 1363-1 and NFPA 285.

Name and location of production site(s): Cumhuriyet Serbest Bölge Mah. Eke Fence 1 Sk. No:2/N, Çardak/Denizli/Türkiye.

CONTENT DECLARATION

Product content	Mass, %	Post-consumer recycled material, mass-% of product	Biogenic material, mass-% of product	Biogenic material, kg C/product or declared unit
GFRP Bar	95 - 97	0%	0%	0
Polypropylene (PP)	3 - 5	0%	0%	0
TOTAL	100 %	0%	0%	0

Packaging materials	Mass, kg	Mass-% (versus the product)	Biogenic material, kg C/product or declared unit
Cardboard	0.0287	2.87	0
Labelling	7.0E-05	0.01	0
TOTAL	0.0288	2.88	0

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

LCA INFORMATION

Declared unit: 1 kg of YETI-Anchor Wall Ties produced by Composite Connections Ltd.

Time representativeness: 2024 (12 months)

Geographical scope: A1, A2: GLO, A3: TR, A4: GLO, A5: UK, C1, C2, C3, C4, D: GLO.

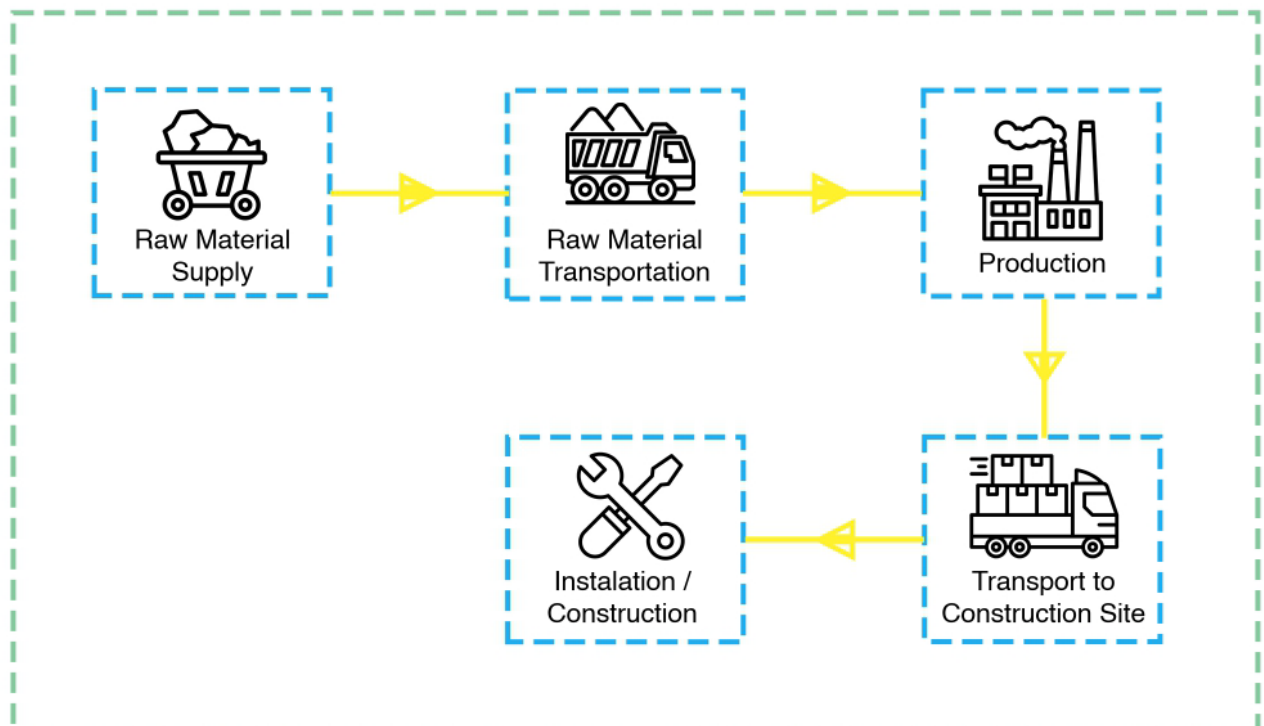
Database(s) and LCA software used: Ecoinvent 3.11 and SimaPro Craft 10.2

Description of system boundaries:

System boundary: Cradle to gate with options, modules C1–C4, module D and with optional modules (A4 & A5).

Process flow diagram:

Process flow diagram of the product system, divided into the life-cycle stages and modules (or other division of the product life cycle, if defined in the PCR), showing the main processes included and the system boundary of the LCA:



Included Products

The investigated product has a nominal length of 350 mm with product code of YETI-15-50-H-350.

Below listed products (same product with different nominal lengths and orientations) are within the scope of this EPD.

- YETI-8-50-H-200
- YETI-15-50-H-200
- YETI-15-50-H-230
- YETI-15-50-H-250
- YETI-15-50-H-275
- YETI-15-50-H-350
- YETI-15-50-H-360
- YETI-15-50-D-500
- YETI-15-70-D-550

Allocation

Sources of raw material, water consumption, energy consumption and raw material transportation were weighted according to 2024 production figures. In addition, hazardous and non-hazardous waste amounts were also allocated from the 2024 total waste generation.

Cut-off Criteria

The criteria for exclusion were set so that individual input flows less than 1% of the total, with a cumulative limit of less than 5%, could be omitted. This was contingent upon confirming that these excluded flows did not significantly alter the reported data, with "significant" defined as affecting the total by less than 5%.

REACH Regulation

No substances included in the Candidate List of Substances of Very High Concern for authorization under the REACH regulations are present in this product either above the threshold for registration with the European Chemicals Agency or above 0.1% (wt/wt).

LCA Modelling, Calculation and Data Quality

The results of the LCA with the indicators as per EPD requirement are given in the LCA result tables. All energy calculations were obtained using Cumulative Energy Demand (LHV) methodology, while freshwater use is calculated with selected inventory flows in SimaPro according to the PCR. There are no co-product allocations within the LCA study underlying this EPD. The regional energy datasets were used for all energy calculations.

Background Data

For all LCA modelling and calculation, Ecoinvent database (v3.11) and SimaPro Craft (v.10.2) LCA software were used. Characterization factors of EN 15804 reference package based on EF 3.1 are utilized. Impact of infrastructure and capital goods are excluded from the analysis.

Source of Electricity

The electricity data modelled for the production processes is taken from Ecoinvent 3.11 dataset that represents medium voltage electricity production in Türkiye with the reference year, 2021. The market consumption data for Türkiye is modified to exclude all the renewable sources as there is no 'secondary data' on the residual market mix for Türkiye. The modified dataset has GWP-GHG impact of 0.91 kg CO₂ eq. / kWh. The dataset consists of the following production percentages for electricity. Imported coal, 40.5%, Natural gas, 35%, Lignite 22.1 %, Hard Coal, 1.84%, Asphaltite 0.55% in production.

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	X	X	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	GLO	GLO	TR	GLO	UK	-	-	-	-	-	-	-	GLO				GLO
Share of primary data	7.3%					-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	0%					-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	0%					-	-	-	-	-	-	-	-	-	-	-	-

X= Declared Modules, ND= Not Declared Modules, GLO= Global, TR = Türkiye, UK= United Kingdom

Process	Source type	Source	Reference year	Data category	Share of primary data, of GWP-GHG results for A1-A3
Manufacturing of product	Collected data	EPD owner	2024	Primary data	4.4%
Transport of materials	Collected data	EPD owner	2024	Primary data	2.9%
Other processes	Databases	Ecoinvent v3.11	2019–2024	Secondary data	0%
Total share of primary data, of GWP-GHG results for A1-A3					7.3%

SYSTEM BOUNDARY DESCRIPTION

A1 – Raw Material Supply

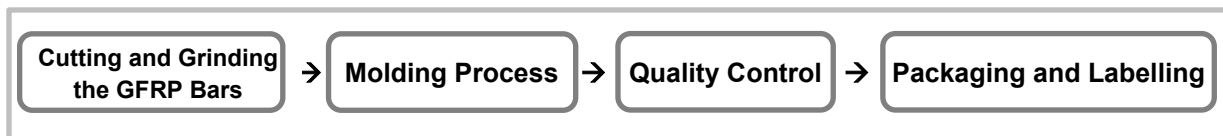
This stage includes raw materials extraction and pre-treatments before its use in manufacturing. The effects of raw materials such as GFRP bar, PP Plastic etc. were evaluated at this stage.

A2 – Raw Material Transport

Transport information of the raw materials is provided by the manufacturer. The distances and routes are calculated accordingly.

A3 – Manufacturing

A3 stage includes production-related environmental impacts of the product. All energy-related inputs are supplied by the manufacturer. Also, effects of packaging are included in this stage. The manufacturing stage includes the following processes as shown in the production flow diagram below:



A4 – Product Transport

Product transport from manufacturer to customer is considered in product material supply stage. The distances and routes are calculated accordingly. Depending on the customer location, product is transported via trucks and other supplies come through seaway.

A5 – Installation

The installation of the YETI anchor is performed manually and has negligible environmental impact. Therefore, the installation process is excluded from the system boundary. Only the end-of-life treatment of packaging materials (mainly cardboard boxes and labeling) is included in this stage.

C1 - Deconstruction

This stage includes the demolition or deconstruction of the discarded product from the sites. Based on the relevant PCR, 10 kWh diesel use per ton of product is assumed.

C2- Transport

This stage covers the transportation-related impacts of the discarded product. Since end of life transportation distances for the discarded product cannot be obtained, generic assumption from the PCR, 80 km average distance with Euro 5 lorry and 50% load factor is assumed.

C3 - Waste Processing

Any waste processing for the discarded product is included in this stage. Total of 2.6 kWh diesel consumption per tonne of product for loading and unloading at the sorting facility and for other treatments is considered.

C4 - Disposal

The product is assumed to be disposed of by 100% landfilling. Recycling or energy recovery is not considered due to the composite material composition.

D- Reuse, Recovery, Recycling Potential

No benefits or loads beyond the system boundary are declared.

ENVIRONMENTAL PERFORMANCE

LCA results of the product(s) - main environmental performance results

Mandatory impact category indicators according to EN 15804

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP-total	kg CO ₂ eq.	3.17E+00	1.51E-01	4.74E-04	3.41E-03	1.27E-02	8.86E-04	5.45E-04	0.00E+00
GWP-fossil	kg CO ₂ eq.	3.16E+00	1.51E-01	4.74E-04	3.41E-03	1.27E-02	8.86E-04	5.45E-04	0.00E+00
GWP-biogenic	kg CO ₂ eq.	6.29E-03	5.49E-05	1.31E-07	1.71E-07	4.35E-07	4.44E-08	2.73E-08	0.00E+00
GWP-luluc	kg CO ₂ eq.	4.28E-03	2.65E-06	3.72E-08	1.40E-07	1.98E-07	3.65E-08	2.25E-08	0.00E+00
ODP	kg CFC 11 eq.	1.38E-07	3.47E-09	3.90E-12	5.18E-11	2.85E-10	1.35E-11	8.29E-12	0.00E+00
AP	mol H ⁺ eq.	1.83E-02	4.46E-04	4.16E-06	3.15E-05	3.17E-05	8.18E-06	5.03E-06	0.00E+00
EP-freshwater	kg P eq.	2.20E-04	8.19E-07	1.61E-07	2.84E-08	6.46E-08	7.39E-09	4.55E-09	0.00E+00
EP-marine	kg N eq.	3.65E-03	1.01E-04	2.35E-06	1.48E-05	1.20E-05	3.86E-06	2.38E-06	0.00E+00
EP-terrestrial	mol N eq.	3.95E-02	1.11E-03	2.24E-05	1.63E-04	1.31E-04	4.23E-05	2.60E-05	0.00E+00
POCP	kg NMVOC eq.	1.46E-02	5.38E-04	5.48E-06	4.85E-05	5.27E-05	1.26E-05	7.76E-06	0.00E+00
ADP-minerals&metals*	kg Sb eq.	2.20E-04	3.91E-09	1.03E-10	1.19E-10	3.27E-10	3.10E-11	1.91E-11	0.00E+00
ADP-fossil*	MJ	4.94E+01	2.07E+00	2.55E-03	4.45E-02	1.67E-01	1.16E-02	7.13E-03	0.00E+00
WDP*	m ³	9.01E-01	1.64E-03	2.04E-04	5.61E-05	1.32E-04	1.46E-05	8.98E-06	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								

* 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.

Additional mandatory and voluntary impact category indicators

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP-GHG ¹	kg CO ₂ eq.	3.17E+00	1.51E-01	4.74E-04	3.41E-03	1.27E-02	8.86E-04	5.45E-04	0.00E+00

Additional voluntary indicators e.g. the voluntary indicators from EN 15804 or the global indicators according to ISO 21930:2017

Resource use indicators

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PERE	MJ	3.12E+00	5.09E-03	3.69E-01	3.12E+00	5.09E-03	3.69E-01	3.12E+00	5.09E-03
PERM	MJ	3.69E-01	0.00E+00	-3.69E-01	3.69E-01	0.00E+00	-3.69E-01	3.69E-01	0.00E+00
PERT	MJ	3.49E+00	5.09E-03	3.07E-05	3.49E+00	5.09E-03	3.07E-05	3.49E+00	5.09E-03
PENRE	MJ	4.94E+01	2.07E+00	3.54E-03	4.94E+01	2.07E+00	3.54E-03	4.94E+01	2.07E+00
PENRM	MJ	9.88E-04	0.00E+00	-9.88E-04	9.88E-04	0.00E+00	-9.88E-04	9.88E-04	0.00E+00
PENRT	MJ	4.94E+01	2.07E+00	2.55E-03	4.94E+01	2.07E+00	2.55E-03	4.94E+01	2.07E+00
SM	kg	2.23E-02	1.09E-06	9.97E-08	8.96E-08	8.61E-08	2.33E-08	1.43E-08	0.00E+00
RSF	MJ	3.19E-03	8.54E-08	1.56E-08	1.55E-08	7.13E-09	4.04E-09	2.48E-09	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	2.23E-02	4.00E-05	4.77E-06	1.35E-06	3.23E-06	3.51E-07	2.16E-07	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 resources; 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 CO₂ is set to zero.

Waste indicators

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
Hazardous waste disposed	kg	1.36E-01	8.54E-05	1.66E-04	4.68E-06	6.35E-06	1.22E-06	7.48E-07	0.00E+00
Non-hazardous waste disposed	kg	6.90E+00	6.68E-03	2.93E-02	1.60E-04	5.39E-04	4.15E-05	2.56E-05	0.00E+00
Radioactive waste disposed	kg	6.00E-05	1.23E-07	3.99E-10	2.08E-09	1.01E-08	5.40E-10	3.32E-10	0.00E+00

Output flow indicators

Indicator	Unit	A1-A3	A4	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	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
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
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
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

Additional LCA results (other environmental performance results) of the product(s)

The analyzed reference product corresponds to a horizontally oriented anchor with a nominal length of 350 mm. While the anchor length and installation orientation may vary under different application conditions, such variations have only a limited influence on the overall environmental performance, as the life cycle assessment is based on a declared unit of 1 kg of product rather than a single piece. Therefore, the table below illustrates the indicative range of results across the product group, considering both minimum and maximum configurations.

LCA result of one declared unit product (A-C)	Unit	Min	Max
GWP-total	kg CO ₂ eq.	-0.02%	+0.01%
GWP-fossil	kg CO ₂ eq.	-0.01%	+0.01%
GWP-biogenic	kg CO ₂ eq.	-11.45%	+4.90%
GWP-luluc	kg CO ₂ eq.	-0.87%	+0.37%
ODP	kg CFC 11 eq.	-1.24%	+0.53%
AP	mol H+ eq.	-1.42%	+0.61%
EP-freshwater	kg P eq.	-0.54%	+0.23%
EP- marine	kg N eq.	-1.39%	+0.60%
EP-terrestrial	mol N eq.	-1.41%	+0.60%
POCP	kg NMVOC eq.	-0.30%	+0.13%
ADP-minerals&metals*	kg Sb eq.	-2.82%	+1.21%
ADP-fossil*	MJ	+1.82%	-0.78%
WDP*	m ³	-1.15%	+0.49%

ABBREVIATIONS

Abbreviation	Definition
General Abbreviations	
EN	European Norm (Standard)
EPD	Environmental Product Declaration
EF	Environmental Footprint
GPI	General Programme Instructions
ISO	International Organization for Standardization
LCA	Life Cycle Assessment
PCR	Product Category Rules
c-PCR	Complementary Product Category Rules
CEN	European Committee for Standardization
CLC	Co-location centre
CPC	Central product classification
GHS	Globally harmonized system of classification and labelling of chemicals
GRI	Global Reporting Initiative
Environmental Impact Indicators (EN 15804)	
GHG	Greenhouse gas
GWP	Global Warming Potential (kg CO ₂ eq.)
GWP-fossil	Global Warming Potential from fossil sources (kg CO ₂ eq.)
GWP-biogenic	Global Warming Potential from biogenic sources (kg CO ₂ eq.)
GWP-luluc	Global Warming Potential from land use and land use change (kg CO ₂ eq.)
GWP-total	Total Global Warming Potential (kg CO ₂ eq.)
GWP-GHG	Global Warming Potential for greenhouse gases (kg CO ₂ eq.)
ODP	Ozone Depletion Potential (kg CFC-11 eq.)
AP	Acidification Potential (mol H ⁺ eq.)
EP	Eutrophication Potential
EP-freshwater	Freshwater eutrophication potential (kg P eq.)
EP-marine	Marine eutrophication potential (kg N eq.)
EP-terrestrial	Terrestrial eutrophication potential (mol N eq.)
POCP	Photochemical Ozone Creation Potential (kg NMVOC eq.)
ADP	Abiotic Depletion Potential
ADP-minerals&metals	Abiotic depletion potential for non-fossil resources (kg Sb eq.)
ADP-fossil	Abiotic depletion potential for fossil resources (MJ)
WDP	Water Deprivation Potential (m ³)
Resource Use Indicators	
PERE	Use of renewable primary energy excluding renewable primary energy resources used as raw materials (MJ)
PERM	Use of renewable primary energy resources used as raw materials (MJ)
PERT	Total use of renewable primary energy resources (MJ)
PENRE	Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials (MJ)
PENRM	Use of non-renewable primary energy resources used as raw materials (MJ)
PENRT	Total use of non-renewable primary energy resources (MJ)
SM	Use of secondary material (kg)
RSF	Use of renewable secondary fuels (MJ)
NRSF	Use of non-renewable secondary fuels (MJ)
FW	Use of net fresh water (m ³)
Waste Indicators	
HW	Hazardous Waste (disposed) (kg)
NHW	Non-Hazardous Waste (disposed) (kg)
RW	Radioactive Waste (disposed) (kg)
Output Flow Indicators	
CFR	Components for Reuse (kg)

MR	Material for Recycling (kg)
MER	Materials for Energy Recovery (kg)
EEE	Exported Energy, Electricity (MJ)
EET	Exported Energy, Thermal (MJ)
Lifecycle Stages / Modules	
A1	Raw material supply
A2	Transport
A3	Manufacturing
A4	Transport to site
A5	Construction/Installation
B1	Use
B2	Maintenance
B3	Repair
B4	Replacement
B5	Refurbishment
B6	Operational energy use
B7	Operational water use
C1	Deconstruction/Demolition
C2	Transport to waste processing
C3	Waste processing
C4	Disposal
D	Reuse-Recovery-Recycling potential
Other Relevant Terms	
SVHC	Substances of Very High Concern
EC No.	European Community Number
CAS No.	Chemical Abstracts Service Number
MJ	Megajoule
kg	Kilogram
m ³	Cubic Meter
NMVOG	Non-Methane Volatile Organic Compounds
Sb eq.	Antimony Equivalents
P eq.	Phosphorus Equivalents
N eq.	Nitrogen Equivalents
CFC-11 eq.	Chlorofluorocarbon-11 Equivalents
CO ₂ eq.	Carbon Dioxide Equivalents
kg C	Kilograms of Carbon
kg CO ₂ eq.	Kilograms of Carbon Dioxide Equivalent
ND	Not Declared

REFERENCES

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

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ISO 14025:2006 "Environmental labels and declarations - Type III environmental declarations - Principles and procedures".

General Program Instructions of International EPD System, (Ver. 5.0.1) 2025-02-27 "General Programme Instructions for International EPD System".

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VERSION HISTORY

Original Version of the EPD, **2026-01-XX**

