

# Environmental Product Declaration



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

## Mill finished extruded aluminium profiles

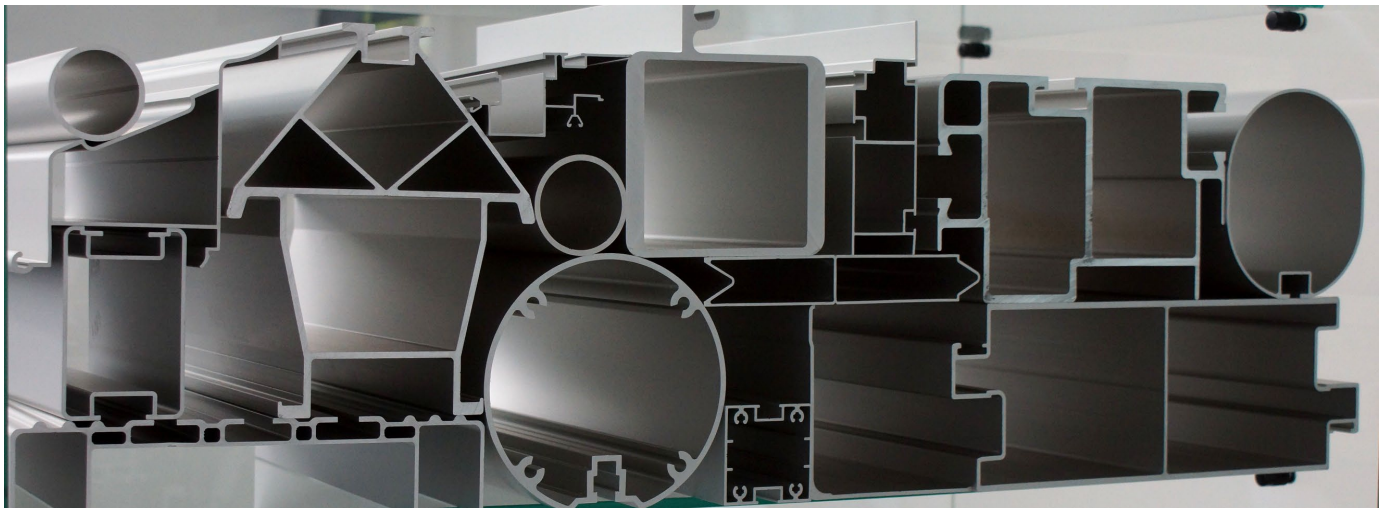
from

**Aliplast Aluminium Extrusion NV**



Programme:	The International EPD® System, <a href="http://www.environdec.com">www.environdec.com</a>
Programme operator:	EPD International AB
EPD registration number:	EPD-IES-0016911
Publication date:	2024-10-08
Valid until:	2029-10-08

*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](http://www.environdec.com)*



## General information

### Programme information

<b>Programme:</b>	The International EPD® System
<b>Address:</b>	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
<b>Website:</b>	<a href="http://www.environdec.com">www.environdec.com</a>
<b>E-mail:</b>	<a href="mailto:info@environdec.com">info@environdec.com</a>

<b>Accountabilities for PCR, LCA and independent, third-party verification</b>
<b>Product Category Rules (PCR)</b>
PCR 2019:14 - Construction products (EN 15804+A2) v1.3.4 EN 15804:2012+A2:2019, November 2019: CEN TC 350. Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products.
<b>Life Cycle Assessment (LCA)</b>
LCA accountability: <a href="mailto:info@enperas.com">info@enperas.com</a> , Enperas NV, Posthofbrug 6/8, Antwerpen, Belgium
<b>Third-party verification</b>
Independent third-party verification of the declaration and data, according to ISO 14025:2006, via:  <input checked="" type="checkbox"/> EPD verification by individual verifier  Third-party verifier: Marcel Gómez ( <a href="mailto:info@marcelgomez.com">info@marcelgomez.com</a> )  Approved by: The 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 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: Aliplast Aluminium Extrusion NV

Contact: Ruben Snurawa, ruben.snurawa@aliplast.com

Description of the organisation: Aliplast Aluminium Extrusion is a modern and efficient Belgian extrusion company. Aliplast Aluminium Extrusion NV is part of the Corialis Group and is committed to long-term partnerships with international companies from all industrial sectors.

Product-related or management system-related certifications:

ISO 9001 certificate number BE013583, ISO 14001 certificate number BE013584, ISO 50001 certificate number BE013764, CE certificate according to EN 15088 number 0035-CPR-B632.

Name and location of production site(s): Aliplast Aluminium Extrusion NV – Waaslandlaan 36, 9160 Lokeren, Belgium

## Product information

Product name: Mill finish aluminium extruded profiles

Product identification: Aluminium extruded profiles according to EN 15088, EN 755-2 and EN 755-9

Product description: Aluminium extruded profiles for architectural use, building construction use, traffic signalisation, greenhouses, transport industry, scaffolds/ascending profiles, tents, recreational purposes, maritime use and standard profiles.

UN CPC code: 7604299090

NACE: 24420, 25505, 25620, 25610

Manufacturing process:

Different aluminium alloys are delivered to Aliplast.

Aluminium is extruded into profiles using 2 extrusion presses. In this step, electricity, gas & water is consumed.

Along with aluminium profiles, some scrap is produced. That scrap is collected for recycling by another company.

Extruded aluminium profiles are packaged and shipped to different clients, to be used in different applications.

## LCA information

Declared unit: 1 kg of extruded aluminium

Reference service life: Product Reference Service Life is dependent on product application. Aluminium itself has an infinite lifetime.

Time representativeness: production data from 2022 has been used for modelling

Database(s) and LCA software used: SimaPro 9.5.1, Ecoinvent 3.9 database

Description of system boundaries: Cradle-to-gate with modules C1–C4, module D and optional modules A5 (A1-A3 + A5 + C+ D)

Geographical scope: Europe

Included processes and scenarios used:

A1 – A3:

This module includes:

- production (mining, pre-treatment, production steps) and transport of aluminium billets
- production of packaging, ancillary materials and transport of it

- Input of energy and water consumed during the extrusion process and output of scrap.

Electricity mix used for production is renewable mix for Belgium (green purchase contract) and has the following GWP: 0.049 kg CO<sub>2</sub> eq./kWh (excl. biogenic).

A5:

This module is out of scope of this study. However, packaging of profiles becomes waste at this stage. Therefore, treatment of packaging waste has been included in A5.

End-of-life scenarios based on Eurostat packaging waste statistics for Europe (averages) were used for modelling.

Transport of waste has been modelled with Truck 16-32t, EURO6.

*Table 1: Packaging waste treatment scenarios in A5*

Packaging type	Transport distance to treatment	To sorting	To landfill	To recycling	To incineration
		30 km	50 km	200 km	150 km
<b>Cardboard</b>		100% (8.08E-03 kg)	8.6% (6.95E-04 kg)	82.5% (6.66E-03 kg)	8.9% (7.19E-04 kg)
<b>LDPE foil</b>		100% (1.16E-03 kg)	23% (2.72E-04 kg)	40% (4.64E-04 kg)	37% (4.32E-04 kg)
<b>Plastic packaging</b>					
<b>Wood</b>		100% (1.75E-02 kg)	38% (6.60E-03 kg)	32% (5.24E-03 kg)	30% (5.62E-03 kg)

C1 – C4:

According to European Aluminium, 99% of aluminium profiles are collected to recycling. Therefore, recycling of 99% and landfill of 1% of aluminium has been assumed as an end-of-life scenario.

*Table 2: End-Of-Life scenario for aluminium profiles*

	To sorting (C3-C4)	To recycling (C3)	To landfill (C4)	To incineration (C4)
<b>Aluminium profile waste treatment</b>	100% 1 kg	99% 0.99 kg	1% 0.01 kg	0% 0 kg
<b>Transport to treatment (C2), 16-32 t EURO6 truck</b>	50 km	150 km	30 km	0 km

C1:

Deconstruction is assumed to be manual process in most of the applications.

In the cases where machines are involved, profiles are mostly part of a larger construction being demolished. In this case, impacts attributed to profiles are negligible.

As a consequence, no inputs were modelled in this step.

C2:

Discarded profiles are first transported to sorting for 50 km and then to either recycling for 150 km or landfill for 30 km. Transport of waste has been modelled with Truck 16-32t, EURO6.

C3:

Impacts of sorting & preparation for melting of 0.99 kg of aluminium have been considered in this module.

**C4:**

Impacts of landfill of 0.01 kg of aluminium have been considered in this module.

Parameter	Value/Description
Collection process, per type	0.01 kg (1%) collected and sorted
Recovery, per type	-
Disposal, per type	0.01 kg (1%) landfilled
Assumptions for scenario development	Transported for 50 km to sorting, 30 km to landfill with the 16-32t, EURO6 truck.

**D:**

Module D consists of:

- burdens & benefits related to the recycling of aluminium,
- burdens & benefits related to the recycling of packaging in A5,
- benefits of potential energy recuperation from incineration of packaging in A5.

*Table 3: Modelling of module D*

Material exiting the system boundary	Process at the system boundary	Material/energy recovered/substituted	Related quantity
Aluminium	Recycling	Aluminium	0.99 kg
Cardboard	Recycling	Cardboard pulp	6.66E-03 kg
	Incineration	Energy recovered	7.19E-04 kg
Plastic packaging	Recycling	Plastic (PE)	4.64E-04 kg
	Incineration	Energy recovered	4.32E-04 kg
Wood (packaging)	Recycling	Wood chips	5.24E-03 kg
	Incineration	Energy recovered	5.62E-03 kg

Cut-off rules, allocation & other relevant information:

Cut-off criteria:

Cut-off criteria described in EN15804+A2 has been followed: 5% of energy and materials by module and 1% of total energy and raw materials. With these cut-off criteria, the importance of omitted flows is minor and the risk that omitted flows will influence the final conclusions is negligible.

The following processes are considered below cut-off and represent less than 5% of material and energy per module and less than 1% of the total material and energy use:

- All activities and energy use related to the offices and personnel.
- Treatment of waste coming from ancillary materials.
- Transport of ancillary materials to the production site.
- Potential inputs needed for demolition of profiles.

Long term emissions are excluded.

Infrastructure processes are included.

Allocation:

For processes, where allocation is necessary (multiple input or output processes), the allocation procedure described by the European standard EN 15804+A2 has been followed. Wherever possible, allocation was avoided by dividing the unit process to be allocated into two or more sub-processes and collecting the input and output data related to these sub-processes. Where

allocation cannot be avoided, the inputs and outputs of the system were partitioned between its different products or functions in a way that reflects the underlying physical or economic relationships between them. Co-production, allocation of secondary materials or secondary fuels are not applicable for this study.

Data quality:

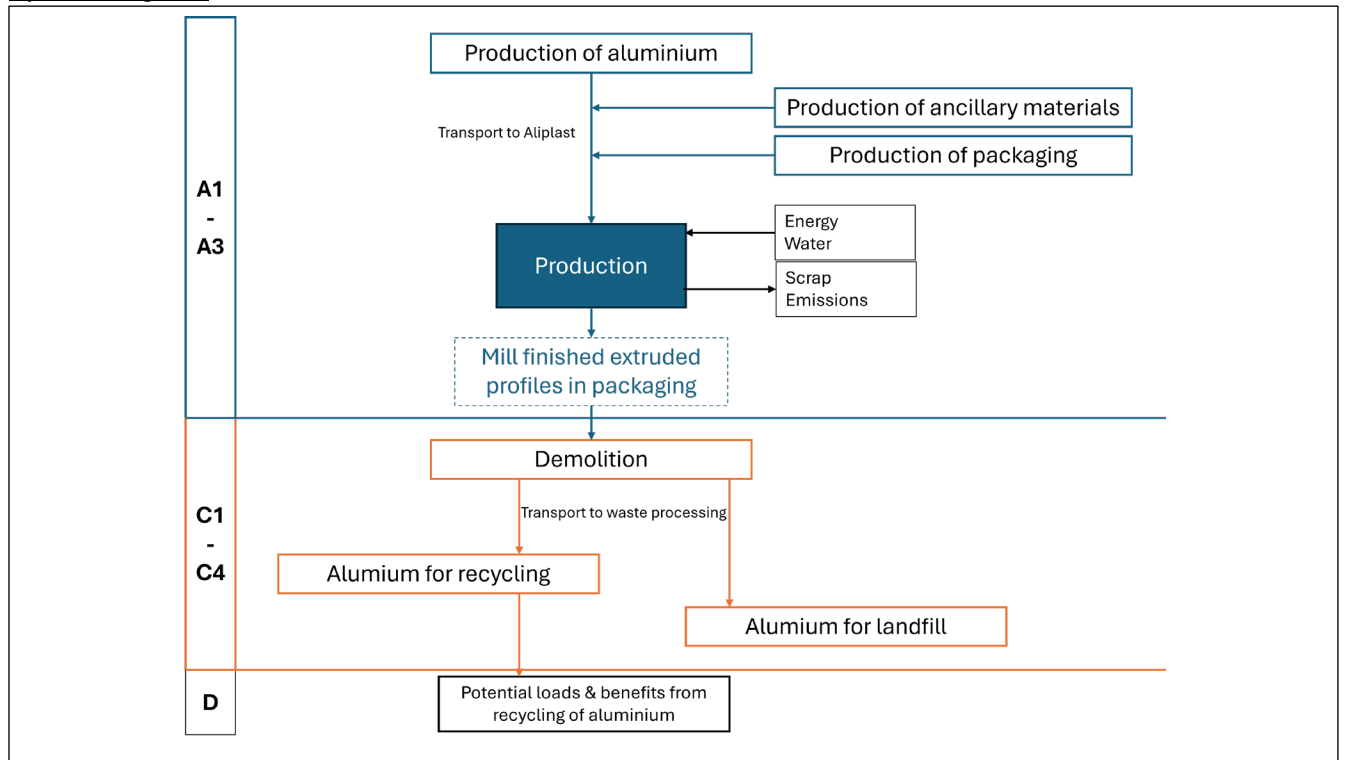
The data quality is assessed according to the EN15804+A2 and General Programme instructions of International EPD System (version 5, Annex A).

All the amounts, distances, material types, transportation types, energy inputs, etc. are data specific to and provided by Aliplast.

Process	Source type	Source	Reference year	Data category	Share of primary data, of GWP results for A1-A3
Production of aluminium billets	Database + EPD	Ecoinvent 3.9.1, supplier EPD - confidential	2023	20% primary data 80% adjusted generic data	20%
<b>Total share of primary data contributing to GWP in A1-A3:</b>					<b>20%</b>

The reported share of primary data is associated with uncertainty, as one or several EPDs that are used as data source lack information on the share of primary data used.

System diagram:



More information: <https://www.aliplastextrusion.com>

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

	Product stage			Construction process stage		Use stage							End of life stage				Resource recovery stage
	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	GLO	GLO	BE	-	-	-	-	-	-	-	-	-	EU	EU	EU	EU	EU
Specific data used	20%*			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-

\*The reported share of primary data is associated with uncertainty, as one or several EPDs that are used as data source lack information on the share of primary data used.

## Content information

Product components	Weight, kg	Post-consumer material, weight-%	Biogenic material, weight-% and kg C/kg
Aluminium	1	0	0
TOTAL	1	0	0
Packaging materials	Weight, kg	Weight-% (versus the product)	Weight biogenic carbon, kg C/kg
Cardboard	0.008	0.8%	0,0035
Plastic foils	0.011	1.1%	0
Wood	0.017	1.7%	0,0085
TOTAL	0.036	3.6%	0,012

Dangerous substances from the candidate list of SVHC for Authorisation	EC No.	CAS No.	Weight-% per functional or declared unit
NA	NA	NA	NA

According to the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) Regulation, the product does not contain any substance included in the Candidate List of Substances of Very High Concern (SVHCs) for authorization with concentrations higher than 0,1% weight by weight (w/w).



## Results of the environmental performance indicators

The results presented below correspond to 1 kg of extruded aluminium profiles.

Calculations have been done using following EN15804+A2 method and EF 3.1 characterization factors.

The results of the LCA are relative expressions and do not predict the final impacts of any impact category, the exceeding of thresholds, safety margins or risks.

### Mandatory impact category indicators according to EN 15804

Results per declared unit																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP-fossil	kg CO <sub>2</sub> eq.	8,87 E+00	ND	3,66 E-03	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	3,67 E-02	2,51 E-01	2,68 E-03	- 6,82 E+00
GWP-biogenic	kg CO <sub>2</sub> eq.	- 3,04 E-03	ND	3,93 E-02	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	1,18 E-05	1,10 E-03	1,16 E-05	- 3,88 E-02
GWP-luluc	kg CO <sub>2</sub> eq.	1,33 E-01	ND	1,19 E-06	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	1,81 E-05	1,29 E-04	1,34 E-06	- 9,46 E-02
GWP-total	kg CO <sub>2</sub> eq.	9,00 E+00	ND	4,30 E-02	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	3,68 E-02	2,52 E-01	2,70 E-03	- 6,95 E+00
ODP	kg CFC 11 eq.	5,17 E-07	ND	4,42 E-11	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	8,00 E-10	2,75 E-09	3,18 E-11	- 3,45 E-07
AP	mol H <sup>+</sup> eq.	6,00 E-02	ND	9,66 E-06	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	8,03 E-05	8,79 E-04	9,86 E-06	- 3,91 E-02
EP-freshwater	kg P eq.	2,86 E-04	ND	3,14 E-08	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	2,98 E-07	6,28 E-06	6,51 E-08	- 1,83 E-04
EP-marine	kg N eq.	7,92 E-03	ND	3,69 E-06	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	1,98 E-05	9,79 E-05	1,39 E-06	- 4,90 E-03
EP-terrestrial	mol N eq.	8,74 E-02	ND	3,78 E-05	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	2,06 E-04	1,19 E-03	1,65 E-05	- 5,39 E-02
POCP	kg NMVOC eq.	3,79 E-02	ND	1,40 E-05	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	1,25 E-04	4,08 E-04	5,69 E-06	- 2,41 E-02
ADP-minerals&metals*	kg Sb eq.	1,67 E-05	ND	8,30 E-09	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	1,20 E-07	4,39 E-06	4,50 E-08	5,96 E-05
ADP-fossil*	MJ	1,15 E+02	ND	2,91 E-02	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	5,22 E-01	1,53 E+00	1,86 E-02	- 7,20 E+01
WDP*	m <sup>3</sup>	1,48 E+00	ND	2,09 E-04	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	2,15 E-03	1,88 E-02	2,06 E-04	- 2,01 E-02
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 of these results are high or as there is limited experience with the indicator.

\*\*When using the results of the production stage (modules A1-A3), the results of the end-of-life stage (module C) must be considered.

## Additional mandatory and voluntary impact category indicators

Results per declared unit																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP-GHG <sup>1</sup>	kg CO <sub>2</sub> eq.	9,00 E+00	ND	3,66 E-03	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	3,67 E-02	2,51 E-01	2,69 E-03	- 6,91 E+00
Particulate matter	disease inc.	7,00 E-07	ND	2,03 E-10	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	2,73 E-09	1,49 E-08	1,72 E-10	- 4,77 E-07
Ionising radiation	kBq U-235 eq	4,75 E-01	ND	3,23 E-05	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	2,64 E-04	5,49 E-03	6,68 E-05	- 3,17 E-01
Ecotoxicity	CTUe	5,80 E+01	ND	1,63 E-02	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	2,58 E-01	1,20 E+00	9,42 E-02	- 2,01 E+01
Human toxicity, cancer	CTUh	2,40 E-08	ND	3,48 E-12	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	1,67 E-11	1,52 E-10	1,81 E-12	- 1,61 E-08
Human toxicity, non-cancer	CTUh	2,67 E-07	ND	2,63 E-11	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	3,70 E-10	6,83 E-09	7,16 E-11	- 1,64 E-07
Land use	Pt	1,60 E+01	ND	1,95 E-02	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	3,15 E-01	1,47 E+00	2,11 E-02	- 5,59 E+00

## Resource use indicators

Results per declared unit																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
PERE	MJ	3,94 E+01	ND	8,58 E-02	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	8,07 E-03	2,27 E-01	2,86 E-03	0,00 E+00
PERM	MJ	3,73 E-01	ND	- 2,70 E-01	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	- 2,60 E+01
PERT	MJ	3,97 E+01	ND	- 1,84 E-01	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	8,07 E-03	2,27 E-01	2,86 E-03	- 2,60 E+01
PENRE	MJ	1,57 E+02	ND	4,75 E-02	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	5,22 E-01	1,53 E+00	1,86 E-02	0,00 E+00
PENRM	MJ	4,96 E-02	ND	- 3,81 E-02	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	- 1,02 E+02
PENRT	MJ	1,57 E+02	ND	9,40 E-03	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	5,22 E-01	1,53 E+00	1,86 E-02	- 1,02 E+02
SM	kg	1,31 E-01	ND	0,00 E+00	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
RSF	MJ	0,00 E+00	ND	0,00 E+00	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
NRSF	MJ	0,00 E+00	ND	0,00 E+00	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
FW	m <sup>3</sup>	3,75 E-01	ND	1,13 E-05	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	7,04 E-05	9,99 E-04	1,45 E-05	0,00 E+00

<sup>1</sup> 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<sub>2</sub> is set to zero.

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
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## Waste indicators

Results per declared unit																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Hazardous waste disposed	kg	2,49 E-03	ND	1,60 E-07	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	3,32 E-06	6,54 E-03	6,61 E-05	- 6,40 E-04
Non-hazardous waste disposed	kg	3,04 E+00	ND	8,80 E-03	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	2,59 E-02	1,44 E-01	1,20 E-02	- 2,04 E+00
Radioactive waste disposed	kg	3,96 E-04	ND	2,34 E-08	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	1,72 E-07	4,24 E-06	4,90 E-08	- 2,69 E-04

## Output flow indicators

Results per declared unit																
Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Components for re-use	kg	0,00 E+00	ND	0,00 E+00	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Material for recycling	kg	0,00 E+00	ND	1,28 E-02	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	0,00 E+00	9,90 E-01	0,00 E+00	0,00 E+00
Materials for energy recovery	kg	0,00 E+00	ND	0,00 E+00	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Exported energy, electricity	MJ	0,00 E+00	ND	2,06 E-02	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00
Exported energy, thermal	MJ	0,00 E+00	ND	1,03 E-02	ND	ND	ND	ND	ND	ND	ND	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00	0,00 E+00

## Additional environmental information

- Extruded aluminium profiles are 100% recyclable without quality loss. Recycling can be done from process scrap or from post-consumed profiles. Recycled material has a lower environmental impact than using primary metal.
- Extruded aluminium profiles need to be collected at end-of-life to be recycled by a melter.
- Aliplast Aluminium Extrusion NV is certified according to ISO 14001 (BE013584) and ISO 50001 (BE013764). This are environmental and energy management systems to assure that all activities within the company are compliant with the latest legal and normative requirements.
- More information can be found on <https://www.aliplastextrusion.com> and as part of the Corialis group, Aliplast Aluminium Extrusion contributes to the overall sustainability goals of Corialis. More info can be found on <https://www.corialis-group.com/sustainability> .

## Additional social and economic information

- To assure a sustainable production of aluminium profiles, Aliplast Aluminium Extrusion NV has obtained not only an ISO 14001 and ISO 50001 certificate, but also ISO 9001 and ISO 45001. This assures a qualitative and safe environment for all employees.
- As part of the Corialis group, we underline the objectives to reduce of absolute scope 1, 2 and 3 GHG emissions by 25,5% by 2030 from a 2022 base year. These objectives are verified by SBTi. Corialis also obtained for the second year an Ecovadis Gold quotation.
- Aliplast Aluminium Extrusion NV also participates in local initiatives such as planting trees to strengthen the biodiversity and insure preservation of nature.
- Our employees can benefit from a wide range of social initiatives with the purpose to create a work friendly environment.
- Our supply chain is guided by several policies such as a code of conduct for suppliers, sustainable procurement policy etc. This assures social and ecological fairness throughout the whole supply chain.

## Differences versus previous versions

*Version 1, 2024 – initial version:*

## References

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