

**Environmental
Product
Declaration**

According to ISO14025+EN15804+A2

This declaration is for:
ff2

Provided by:
Novelis, Deutschland GmbH



MRPI® registration:
1.1.01071.2026

Program operator:
Stichting MRPI®
Publisher:
Stichting MRPI®
www.mrpi.nl

Date of first issue:
11-3-2026
Date of this issue:
11-3-2026
Expiry date:
11-3-2031

COMPANY INFORMATION

Novelis, Deutschland GmbH
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 D-37075
 Göttingen
 Germany

<https://novelis.com/>

MRPI® REGISTRATION

1.1.01071.2026

DATE OF THIS ISSUE

11-3-2026

EXPIRY DATE

11-3-2031

SCOPE OF DECLARATION

This MRPI®-EPD certificate is verified by Gert-Jan Vroege, Eco Intelligence. The LCA study has been done by Liz Adams, Ecomatters B.V. The certificate is based on an LCA-dossier according to ISO14025+EN15804+A2. It is verified according to the 'Verification protocol for MRPI LCA project report & EPD 21th of May 2025, V. 5.2'. EPDs of construction products may not be comparable if they do not comply with EN15804+A2. Declaration of SVHC that are listed on the 'Candidate list of Substances of Very High Concern for authorisation' when content exceeds the limits for registration with ECHA.

PROGRAM OPERATOR

Stichting MRPI®
 Kingsfordweg 151
 1043 GR
 Amsterdam

PRODUCT

ff2

DECLARED UNIT / FUNCTIONAL UNIT

1 Area (m2)

DESCRIPTION OF PRODUCT

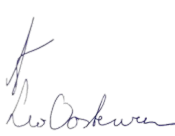
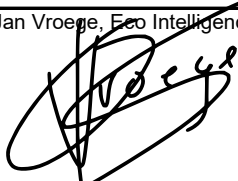
Novelis ff2 pre-painted aluminum with a 2 mm thickness is developed specially for building facade cladding in ventilated and non-ventilated construction.

VISUAL PRODUCT



MORE INFORMATION

<https://novelis.com/>

Ing. L. L. Oosterveen MSc. MBA Managing Director MRPI 	DEMONSTRATION OF VERIFICATION
	CEN standard EN15804 serves as the core PCR [1]
	Independent verification of the declaration and data according to ISO14025+EN15804+A2 Internal: <input type="checkbox"/> External: <input checked="" type="checkbox"/>
	Third party verifier: Gert-Jan Vroege, Eco Intelligence 
[1] PCR = Product Category Rules	

DETAILED PRODUCT DESCRIPTION

Novelis ff2 pre-painted aluminium with a 2 mm thickness is developed specially for building facade cladding in ventilated and non-ventilated construction.

Coil coated aluminium sheets are used for applications of all kinds in indoor and outdoor building. The sheets are rolled to the required thickness from aluminium and aluminium alloys and thermally treated according to customer requirements. They are organically coated after metallic manufacturing. Product dimensions and also the type, thickness and the optical design of the surface finishing are determined according to customer requirements. The sheets are supplied as semi-finished products and can be adapted for a large number of applications through industrial or manual further processing. Their typical use is within construction applications like architectural cladding and industrial applications.

Sheet characteristics	Value	Unit
Thickness	1,94	mm
Width	1500	mm
Length	3000	mm
Density	2680	kg/m3

Production Process

Generally, rolling ingots are cast from the application-specific aluminium alloy, or the continuous casting method is applied. These rolling ingots are pushed between two rotating steel rollers which are spaced slightly less far apart than the thickness of the rolled material. The rollers pick it up due to friction and compress it to the distance between the rollers. This forming takes place above all longitudinally so that the rolled material becomes elongated. Several rolling sequences are usually necessary to reach the final thickness. Thermal treatment may be carried out as required to achieve the desired material properties with regard to workability and rigidity. Following metal forming, the sheets are coated once or several times in a continuous process.

Component (> 1%)	(kg / %)
Primary Aluminium	26
Secondary Aluminium	73
Alloying Elements	1

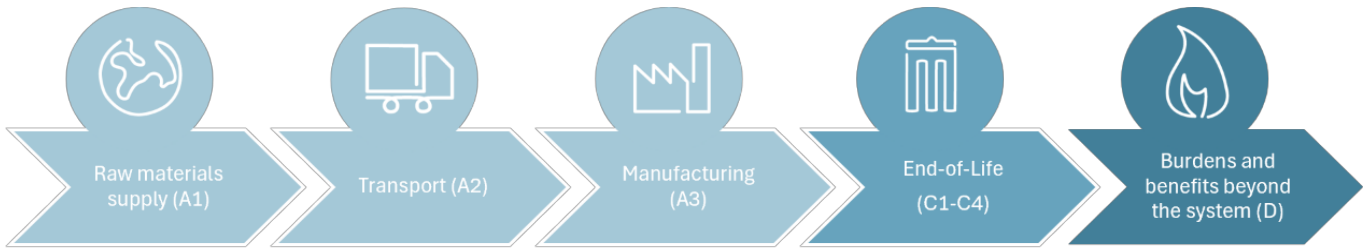
SCOPE AND TYPE

The system boundaries of the EPD are defined as Cradle-to-Gate with the addition of modules C and D. All major steps per declared module, from the extraction of natural resources to the final disposal of the product, are included in the scope of the study. The life cycle stages covered are A1-A3, C1-C4 and D. The study was completed using the LCA software Sphera LCA for Experts (GaBi) 10,7.0.183 and background processes are taken from Ecoinvent v.3.10 (2024). The results are calculated using the characterisation method EN15804+A2 (2020).

This EPD is a specific and represents ff2 produced across several manufacturing locations in Germany. These are Nachterstedt, Norf, and Göttingen and is sold globally. End-of-life is modelled within the European and Global context. Electricity was modelled using a market-based approach.

PRODUCT STAGE			CONSTRUCTION PROCESS STAGE		USE STAGE							END OF LIFE STAGE				BENEFITS AND LOADS BEYOND THE SYSTEM BOUNDARIES
Raw material supply	Transport	Manufacturing	Transport gate to site	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse - Recovery - Recycling potential
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
x	x	x	ND	ND	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X

X = Modules Assessed
 ND = Not Declared



ENVIRONMENTAL IMPACT per functional unit or declared unit (core indicators A2)

Unit		A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP-total	kg CO2 eq.	1,16E+01	1,83E-01	4,95E+00	1,67E+01	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	5,58E-02	1,51E+00	6,69E-03	-7,29E+00
GWP-fossil	kg CO2 eq.	1,16E+01	1,82E-01	4,95E+00	1,67E+01	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	5,58E-02	1,50E+00	6,63E-03	-7,08E+00
GWP-biogenic	kg CO2 eq.	3,35E-02	6,00E-04	-1,03E-02	2,39E-02	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	2,88E-05	7,48E-03	4,40E-05	-2,52E-02
GWP-luluc	kg CO2 eq.	2,28E-03	1,36E-04	8,73E-03	1,11E-02	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	1,91E-05	1,25E-03	8,24E-06	-1,80E-01
ODP	kg CFC11 eq.	5,09E-08	3,14E-09	2,95E-06	3,01E-06	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	1,12E-09	1,56E-08	1,21E-10	-1,20E-07
AP	mol H+ eq.	4,22E-02	1,31E-03	1,38E-02	5,74E-02	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	1,80E-04	6,00E-03	3,83E-05	-4,54E-02
EP-fresh water	kg P eq.	5,57E-05	3,07E-05	2,03E-03	2,12E-03	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	3,79E-06	3,61E-04	1,05E-06	-3,94E-03
EP-marine	kg N eq.	6,43E-03	4,28E-04	1,11E-02	1,80E-02	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	6,16E-05	1,11E-03	2,09E-05	-6,12E-03
EP-terrestrial	mol N eq.	6,95E-02	4,63E-03	4,20E-02	1,16E-01	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	6,65E-04	1,21E-02	1,45E-04	-5,43E-02
POCP	kg NMVOC eq.	2,10E-02	1,50E-03	1,64E-02	3,88E-02	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	2,93E-04	3,98E-03	4,54E-05	-2,48E-02
ADP-minerals & metals	kg Sb eq.	4,85E-06	4,81E-07	1,48E-05	2,02E-05	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	1,50E-07	3,32E-05	1,72E-08	7,79E-05
ADP-fossil	MJ, net calorific value	1,69E+02	2,69E+00	7,93E+01	2,51E+02	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	8,11E-01	1,19E+01	1,17E-01	-1,20E+02
WDP	m3 world eq. Deprived	7,62E-02	3,18E-02	1,58E+00	1,68E+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	5,20E-03	2,56E-01	-4,26E-02	-1,30E+01

- GWP-total = Global Warming Potential total
- GWP-fossil = Global Warming Potential fossil fuels
- GWP-biogenic = Global Warming Potential biogenictotal
- GWP-luluc = Global Warming Potential land use and land use change
- ODP = Depletion potential of the stratospheric ozone layer
- AP = Acidification Potential, Accumulated Exceedence
- 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 Exceedence
- POCP = Formation potential of tropospheric ozone photochemical oxidants
- ADP-minerals & metals = Abiotic Depletion Potential for non-fossil resources [1]
- ADP-fossil = Abiotic Depletion for fossil resources potential [1]
- WDP = Water (user) deprivation potential, deprivation-weighted water consumption [1]

Disclaimer [1]:

- 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 experience with the indicator.



ENVIRONMENTAL IMPACT per functional unit or declared unit (additional indicators A2)

Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
PM Disease incidence	6,51E-07	1,30E-08	1,45E-07	8,09E-07	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	4,28E-09	8,05E-08	6,59E-10	-5,03E-07
IRP kBq U235 eq.	3,44E+00	1,37E-02	4,65E-01	3,92E+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	9,82E-04	8,35E-02	2,47E-04	-2,02E+00
ETP-fw CTUe	3,66E+01	9,04E-01	2,34E+01	6,09E+01	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	1,92E-01	8,43E+00	4,58E+01	5,43E-01
HTP-c CTUh	7,05E-09	1,66E-09	1,92E-08	2,79E-08	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	3,46E-10	8,45E-09	3,48E-11	-3,70E-08
HTP-nc CTUh	5,88E-08	1,57E-09	3,74E-08	9,78E-08	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	4,84E-10	3,18E-08	1,06E-09	-7,85E-08
SQP -	4,67E+00	2,04E+00	4,52E+01	5,19E+01	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	8,13E-01	1,02E+01	1,72E-01	-3,79E+00

- PM = Potential incidence of disease due to PM emissions
- IRP = Potential Human exposure efficiency relative to U235 [1]
- ETP-fw = Potential Comparative Toxic Unit for ecosystems [2]
- HTP-c = Potential Comparative Toxic Unit for humans, cancer [2]
- HTP-nc = Potential Comparative Toxic Unit for humans, non-cancer [2]
- SQP = Potential soil quality index [2]

Disclaimer [1]:

- This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste.

Disclaimer [2]:

- 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 experience with the indicator.

OUTPUT FLOWS AND WASTE CATEGORIES per functional unit or declared unit (A1 and A2)

	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
HWD	kg	2,88E-02	5,03E-03	4,11E-01	4,45E-01	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	7,97E-04	8,01E-02	-1,80E+00	6,64E-04
NHWD	kg	3,06E+00	0,00E+00	4,35E-02	3,11E+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	0,00E+00	2,60E-01	0,00E+00
RWD	kg	1,70E-02	0,00E+00	0,00E+00	1,70E-02	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	0,00E+00	0,00E+00
CRU	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	kg	0,00E+00	0,00E+00	1,04E+00	1,04E+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	4,94E+00	0,00E+00	0,00E+00
MER	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
ETE	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

- HWD = Hazardous Waste Disposed
- NHWD = Non Hazardous Waste Disposed
- RWD = Radioactive Waste Disposed
- CRU = Components for reuse
- MFR = Materials for recycling
- MER = Materials for energy recovery
- EEE = Exported Electrical Energy
- ETE = Exported Thermal Energy

RESOURCE USE per functional unit or declared unit (A1 and A2)

	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
PERE	MJ	7,14E+01	1,40E-01	1,07E+01	8,23E+01	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	1,29E-02	1,35E+00	-4,68E+01	3,36E-03
PERM	MJ	1,81E-08	1,75E-08	4,85E-07	5,20E-07	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	1,84E-09	9,05E-08	-1,26E-07	8,63E-10
PERT	MJ	7,14E+01	1,40E-01	1,07E+01	8,23E+01	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	1,29E-02	1,35E+00	-4,68E+01	3,36E-03
PENRE	MJ	1,69E+02	2,69E+00	7,93E+01	2,51E+02	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	8,11E-01	1,19E+01	-1,20E+02	1,17E-01
PENRM	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	MJ	1,69E+02	2,69E+00	7,93E+01	2,51E+02	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	8,11E-01	1,19E+01	-1,20E+02	1,17E-01
SM	kg	4,42E+00	0,00E+00	0,00E+00	4,42E+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	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	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
NSRF	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	m3	9,11E-01	4,64E-01	1,37E+01	1,51E+01	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	5,15E-02	3,00E+00	-1,06E+02	1,48E-02

- PERE = Use of renewable primary energy excluding renewable primary energy 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 resources excluding non-renewable 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 materials
- RSF = Use of renewable secondary fuels
- NSRF = Use of non-renewable secondary fuels
- FW = Use of net fresh water

BIOGENIC CARBON CONTENT per functional unit or declared unit (A1 and A2)

	Unit	A1	A2	A3	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
BCCpr	kg C	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
BCCpa	kg C	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	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

- BCCpr = Biogenic carbon content in product
- BCCpa = Biogenic carbon content in packaging

CALCULATION RULES

Data quality and data collection period

Data quality requirements follow EN15804+A2:2019 Annex E, Table E.2. Used datasets are complete according to the system boundary, and are as current as possible. Foreground data is for the reference period of 2023. Processes used in the background modelling are taken from Ecoinvent 3.10 (cut off by classification), the widely used LCA database and are consistent with the foreground modelling system limits and allocation procedures. Additional datasets are taken from European Aluminium, the primary association representing the European aluminium industry. The technological and geographical coverage of the chosen datasets reflects the physical reality as far as possible, taking into account the technology mix, location, and representativeness of technologies, input materials, and input energies for the region. Data quality is assessed as good on average and adequate to the goal and scope of the study.

Cut-off criteria

Cut-off within the background processes (Ecoinvent v.3.10 datasets) is according to the respective methodologies (see documentation of the relevant processes (Wernet et al., 2016)). A cut-off was applied to the painting step of FF2. Here, the electricity required for the painting step is included within the finishing step of the manufacturing process, however the paint itself is cut-off. The paint is expected to contribute very little to the final environmental impact due to both the small quantity required and the known impact of the aluminium raw material input. Additionally, a cut-off was applied to packaging used for the transportation of the aluminium sheets between manufacturing sites. This was due to its reuse and lifetime. Cut-offs are not expected to impact the results of the LCA or the conclusions drawn from the study.

Allocation procedure

Emissions and inputs to the manufacturing process is applied to the final product based on mass considering an annual production of aluminium sheets. System allocation in the background processes is according to the documentation of the relevant processes (Wernet et al., 2016) and presumed to follow the accommodated approach ("cut-off" libraries).

SCENARIOS AND ADDITIONAL TECHNICAL INFORMATION

The product stage is reported in life cycle stages A1-A3. This life cycle stage includes the extraction and processing of raw materials for the product, its transportation to the production site, and the manufacturing process. The manufacturing stage (A3) includes all processes related to manufacturing of the aluminium sheet, including energy consumption and waste treatment, for which specific data is available. Electricity consumption is modelled using primary data and datasets for the German market mix. For transportation of raw materials, a default scenario was used from the Product Environmental Footprint method (PEF 3.1) (European Commission, 2021). Transportation between manufacturing sites was modelled with provided primary data.

For the end-of-life stage (C), a scenario is used which is based on Ecoinvent 3.10 datasets and default values taken from the European Aluminium General Program Instructions (2020). Transport to End-of-Life was modelled using a default scenario from the Product Environmental Footprint method (PEF 3.1) (European Commission, 2021). To calculate the benefits and loads beyond the system boundaries (module D), Formula D.6. from EN1504+A2 was used.

Transport of raw materials	Distance	Unit
Truck (>32t, EURO 5)	230	km
Train (average freight train)	280	km
Ship (barge)	360	km

End-of-Life scenario aluminium sheets	Value	Unit
Recycled	95	%
Landfilled	5	%
Distance to EOL treatment	100	km

DECLARATION OF SVHC

None of the raw materials contained in the product are listed in the "Candidate List of Substances of Very High Concern for authorisation", or they do not exceed the threshold with the European Chemicals Agency.

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REMARKS

There are no further remarks.