

Environmental Product Declaration



In accordance with ISO 14025 and EN 15804:2012+A2:2019 for:

Ecolid manual folding door

from

Prido



Programme:	The International EPD® System, www.environdec.com
Programme operator:	EPD International AB
EPD registration number:	S-P-06256
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An EPD should provide current information and may be updated if conditions change. The stated validity is therefore subject to the continued registration and publication at www.environdec.com



General information

Programme information

Programme:	The International EPD® System
Address:	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website:	www.environdec.com
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Accountabilities for PCR, and independent, third-party verification
Product Category Rules (PCR)
CEN standard EN 15804 serves as the Core Product Category Rules (PCR)
Product Category Rules (PCR): <i>Windows and doors (EN 17213:2020), c-PCR-007, version 2020-04-09, UN CPC code 4212.</i>
PCR review was conducted by: <i>The PCR was developed within CEN standardisation, and adopted as a c-PCR by the International EPD® System. There was thus no additional open consultation period and no additional review in addition to those within standardisation.</i>
Third-party verification
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: Martin Erlandsson, IVL Svenska Miljöinstitutet Approved by: The International EPD® System
Procedure for follow-up of data during EPD validity involves third party verifier: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

EPDs within the same product category but from different programmes may not be comparable. EPDs of construction products may not be comparable if they do not comply with EN 15804. For further information about comparability, see EN 15804 and ISO 14025.

Company information

Owner of the EPD: Prido
Industrigatan 3,
SE-534 92 Tråvad
The EPD owner has the sole ownership

Contact: Carl Lund
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Description of the organisation: In a highly automated and state-of-the-art facility, situated in the middle of the Swedish province of Västergötland, we produce more than 13,500 high-quality industrial doors every year, making us one of Europe's largest folding door manufacturers. Founded in 1973, Prido has more than 45 years of experience in the field of industrial doors. By gathering development and production under the same roof, we achieve economies of scale that offer unique competitive advantages, in terms of both costs and quality. Our industrial doors provide quality, technology and design combined with low purchase and maintenance costs.

Name and location of production site: Prido has one production site in Tråvad, at Industrigatan 3, SE-534 92 Tråvad.



Product information

Product name: Ecolid manual folding door

Product identification: EN13241

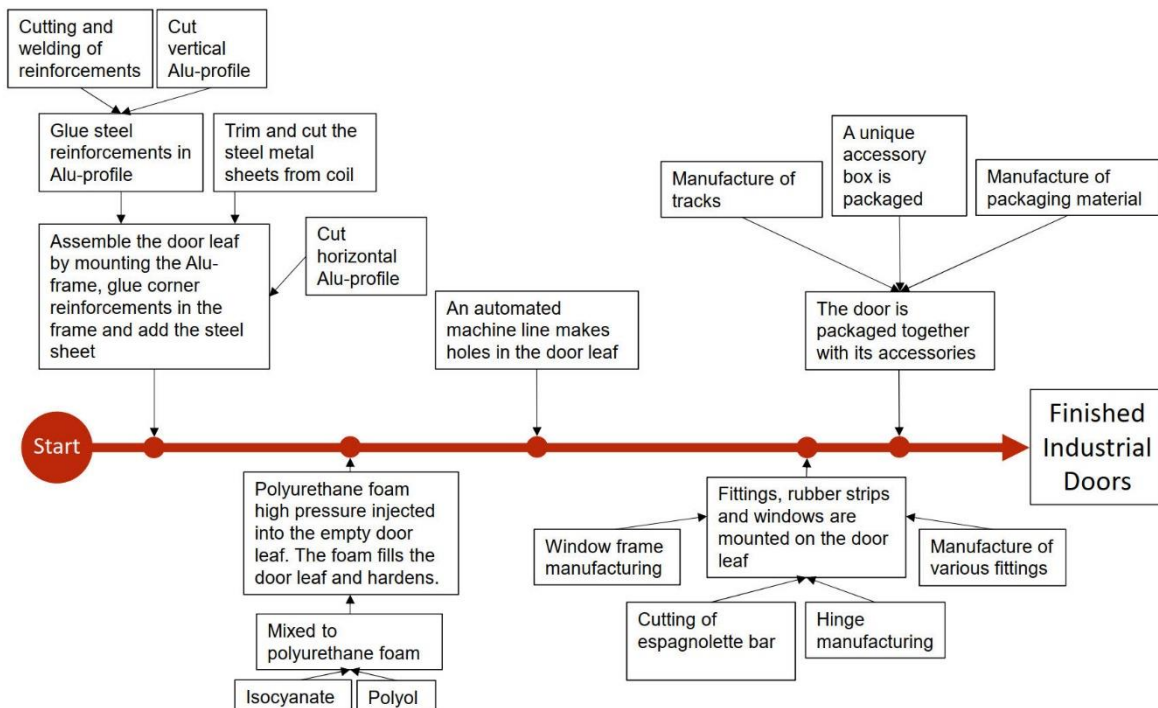
Product description: Ecolid is a manually operated folding door consisting of door sections covered in steel sheet, frame of natural anodised aluminium profiles and insulation of polyurethane foam.

A frame is built from natural anodised aluminium profile and reinforced with steel. The frame is covered with hot-dip galvanized and factory-painted steel sheet. The frame is insulated with high-pressure-injected polyurethane foam. Drilling and milling is then done on the door leaf in an automated way. Rubber strips, hinges and windows are mounted on the door leaf and finally the door is packaged for transport.

UN CPC code: 4212

Geographical scope: Sweden

Flowchart Ecolid Production



LCA information

Declared unit: 1 m² Ecolid manual folding door without windows

The environmental impact has also been calculated for 1 m² window in a Ecolid manual folding door. This makes it possible to add windows in the product and get the total environmental impact for an Ecolid manual folding door with windows.

The calculations for both Ecolid manual folding door and windows are based on a 4 x 4 meter industrial door with four windows each 0,48 x 0,862 meter. An industrial door with these specifications has a weight of 368,2 kg. The door is delivered with a packaging with a weight of 6,6 kg.

The result from this EPD is possible to scale for an Ecolid manual folding door with windows. A calculation example on how to do this is presented on page 11.

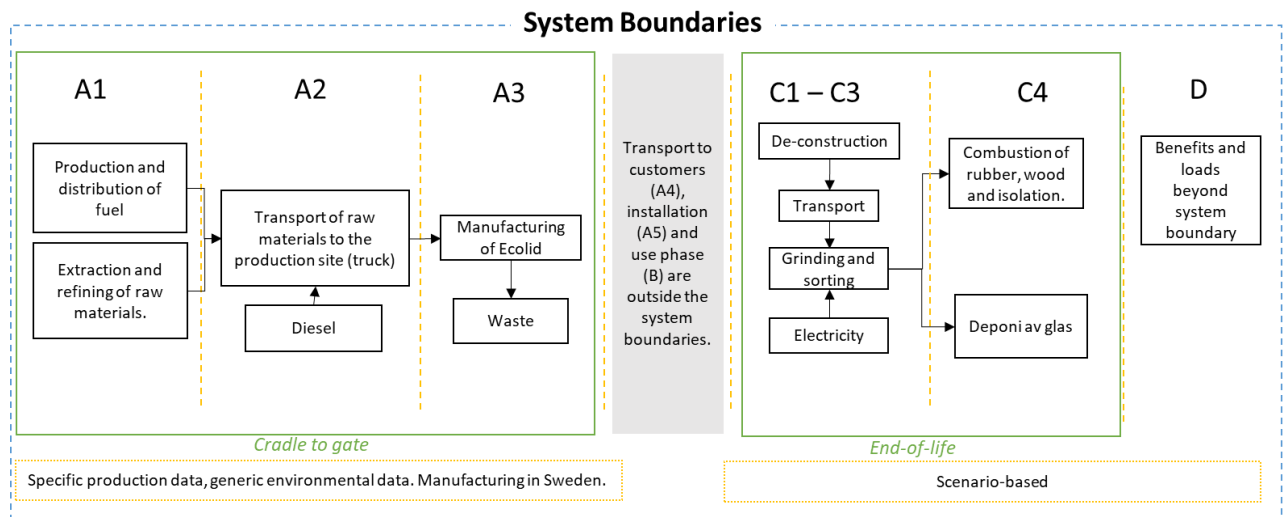
Reference service life: Durability 1 000 000 cycles according to EN13241.

Time representativeness: Data is representative for production year 2021. For materials, energy and transports, generic industry data from Ecoinvent and Agri-footprint has been used.

Databases and LCA software used: Ecoinvent 3.8, Agri-footprint and SimaPro 9.1.1.1.

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

System diagram:



Estimates and assumptions: Heat, electricity and other energy use as well as waste in the production are calculated as a weighted average per produced tonne of all products using yearly production data and rate for 2021. No assumptions made.

The variation in material composition for different mixes and the related environmental impact is within +/- 10 % compared to the given average in this EPD.

Cut off criteria: All major materials, production energy use and waste are included. Materials less

than 1 % weight in the product are not taken into account.

Data quality: The data quality can be described as fair for waste estimations and transports and good for other data. The primary data collection has been done thoroughly and all relevant flows are considered.

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

	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	SE	-	SE	-	-	-	-	-	-	-	SE	SE	SE	SE	SE
Specific data used	Less than 10%					-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	No, only 1 product					-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	No, only one site					-	-	-	-	-	-	-	-	-	-	-	-

Scenario Based Calculation:

Module C and D is calculated based on a scenario. The scenario is created based on how Prido recommend their customers to deal with the product at its end-of-life stage.

Module C –The industrial door is disassembled from its place of use, by unscrewing screws (module C1). The impact from this stage, module C1, is neglectable due to its low impact. Ecolid is then transported to a recycling centre, 170 km by truck (module C2). At the recycling centre a grinding process takes place which separates the aluminium, steel, glass and combustible materials. The combustible materials, isolation, wood and rubber, are combusted in a thermal power plant (module C3). The glass from the windows is landfilled (C4).

Module D – In this module the circular benefits arise due to circular functions in the system. The aluminium and steel in the product get material recycled and replace primary steel in steel production. The scrap content in the ingoing material is considered, and only the part of the new steel provides benefits. The combustion in C3 provides benefits by replacing other electricity in the electricity grid. It is assumed that the produced energy from the combustion replaces a Swedish mix of the electricity.

Content information

Product components	Weight, kg	Post-consumer material, weight-%	Renewable material, weight-%
Steel	14,0		
Aluminium	2,6		
Isolation	2,3		
Rubber	0,8		
TOTAL	19,7		

Packaging materials	Weight, kg	Weight-% (versus the product)
Steel	0,3	1,6 %
Wood	0,1	0,5 %
TOTAL	0,4	0,1 %

Window components	Weight, kg	Post-consumer material, weight-%	Renewable material, weight-%
Aluminium	6,7		
Steel	0,2		
Glass	19,8		
Rubber	1,0		
TOTAL	27,6		

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

*No dangerous substances from the candidate list of SVHC for Authorisation.

Environmental Information per m² – Ecolid manual folding door

Potential environmental impact – mandatory indicators according to EN 15804

Results per m ² Ecolid manual folding door										
Indicator	Unit	A1	A2	A3	Tot.A1-A3	C1	C2	C3	C4	D
GWP-fossil	kg CO ₂ eq.	6,79E+01	3,04E+00	3,16E-03	7,09E+01	0,00E+00	6,38E-01	1,68E+00	0,00E+00	-1,49E+01
GWP-biogenic	kg CO ₂ eq.	5,32E+00	1,75E-03	4,94E-08	5,32E+00	0,00E+00	-8,85E-05	5,49E+00	0,00E+00	-1,51E-02
GWP-luluc	kg CO ₂ eq.	7,93E-02	1,49E-03	1,51E-08	8,08E-02	0,00E+00	0,00E+00	3,31E-04	0,00E+00	-3,83E-02
GWP-total	kg CO ₂ eq.	7,09E+01	2,97E+00	3,16E-03	7,39E+01	0,00E+00	6,38E-01	4,09E+00	0,00E+00	-1,50E+01
ODP	kg CFC 11 eq.	3,81E-06	3,67E-07	4,95E-10	4,18E-06	0,00E+00	9,85E-10	2,03E-08	0,00E+00	-9,11E-07
AP	mol H ⁺ eq.	3,60E-01	6,35E-02	9,63E-06	4,24E-01	0,00E+00	3,99E-03	1,16E-03	0,00E+00	-9,41E-02
EP-freshwater	kg P eq.	2,63E-02	1,48E-04	1,01E-07	2,65E-02	0,00E+00	2,41E-07	1,25E-04	0,00E+00	-6,44E-03
EP-marine	kg N eq.	7,61E-02	1,75E-02	1,33E-06	9,36E-02	0,00E+00	1,88E-03	6,44E-04	0,00E+00	-1,93E-02
EP-terrestrial	mol N eq.	7,33E-01	1,94E-01	1,44E-05	9,27E-01	0,00E+00	2,06E-02	5,06E-03	0,00E+00	-1,69E-01
POCP	kg NMVOC eq.	2,63E-01	4,97E-02	5,05E-06	3,12E-01	0,00E+00	5,07E-03	1,29E-03	0,00E+00	-4,73E-02
ADP-minerals&metals*	kg Sb eq.	2,68E-03	3,36E-06	1,79E-10	2,68E-03	0,00E+00	2,53E-08	4,68E-07	0,00E+00	-6,94E-05
ADP-fossil*	MJ	9,00E+02	3,97E+01	4,38E-02	9,40E+02	0,00E+00	8,96E+00	2,07E+00	0,00E+00	-1,88E+02
WDP	m ³	1,59E+02	7,38E-02	3,13E-02	1,60E+02	0,00E+00	2,44E-03	2,18E-01	0,00E+00	-4,83E+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.

Potential environmental impact – additional mandatory and voluntary indicators

Results per m ² Ecolid manual folding door										
Indicator	Unit	A1	A2	A3	Tot.A1-A3	C1	C2	C3	C4	D
GWP-GHG ¹	kg CO ₂ eq.	7,12E+01	2,97E+00	3,16E-03	7,41E+01	0,00E+00	6,38E-01	1,68E+00	0,00E+00	-1,50E+01
<i>Additional voluntary indicators e.g. the voluntary indicators from EN 15804 or the global indicators according to ISO 21930:2017</i>										

Use of resources

Results per m ² Ecolid manual folding door										
Indicator	Unit	A1	A2	A3	Tot.A1-A3	C1	C2	C3	C4	D
PERE	MJ	8,89E+01	5,38E-01	5,63E-03	8,94E+01	0,00E+00	1,30E-04	2,37E-01	0,00E+00	7,62E+00
PERM	MJ	4,19E+01	0,00E+00	0,00E+00	4,19E+01	0,00E+00	0,00E+00	-4,19E+01	0,00E+00	0,00E+00
PERT	MJ	1,31E+02	5,38E-01	5,63E-03	1,31E+02	0,00E+00	1,30E-04	-4,17E+01	0,00E+00	7,62E+00
PENRE	MJ	9,89E+02	4,32E+01	1,79E-02	1,03E+03	0,00E+00	4,65E-02	1,01E+01	0,00E+00	-2,58E+00
PENRM	MJ	8,60E+01	0,00E+00	0,00E+00	8,60E+01	0,00E+00	0,00E+00	-8,60E+01	0,00E+00	0,00E+00
PENRT	MJ	1,08E+03	4,32E+01	1,79E-02	1,12E+03	0,00E+00	4,65E-02	-7,59E+01	0,00E+00	-2,58E+00
SM	kg	4,16E+00	0,00E+00	0,00E+00	4,16E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	MJ	8,23E+00	0,00E+00	0,00E+00	8,23E+00	0,00E+00	0,00E+00	3,62E-02	0,00E+00	0,00E+00
NRSF	MJ	8,23E+00	1,24E+03	0,00E+00	1,24E+03	0,00E+00	0,00E+00	3,62E-02	0,00E+00	0,00E+00
FW	m ³	1,59E+02	8,03E-02	4,94E-04	1,59E+02	0,00E+00	3,13E-02	8,68E-03	0,00E+00	4,53E+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 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 The indicator includes all greenhouse gases included in GWP-total but excludes biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. This indicator is thus almost equal to the GWP indicator originally defined in EN 15804:2012+A1:2013.

Waste production and output flows

Waste production

Results per m ² Ecolid manual folding door										
Indicator	Unit	A1	A2	A3	Tot.A1-A3	C1	C2	C3	C4	D
Hazardous waste disposed	kg	8,13E-02	0,00E+00	0,00E+00	8,13E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Non-hazardous waste disposed	kg	1,16E-01	0,00E+00	0,00E+00	1,16E-01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Radioactive waste disposed	kg	2,48E-04	0,00E+00	0,00E+00	2,48E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

Output flows

Results per m ² Ecolid manual folding door										
Indicator	Unit	A1	A2	A3	Tot.A1-A3	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	0,00E+00
Material for recycling	kg	3,71E-02	0,00E+00	1,03E+00	1,07E+00	0,00E+00	0,00E+00	1,69E+01	0,00E+00	0,00E+00
Materials for energy recovery	kg	2,96E-04	0,00E+00	2,20E-01	2,20E-01	0,00E+00	0,00E+00	3,20E+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	2,64E+01
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	7,91E+01

Information on biogenic carbon content

Results per m ² Ecolid manual folding door		
BIOGENIC CARBON CONTENT	Unit	QUANTITY
Biogenic carbon content in product	kg C	0
Biogenic carbon content in packaging	kg C	2,16E-01

Note: 1 kg biogenic carbon is equivalent to 44/12 kg CO₂. Energy stored in packing material is direct balanced out in A1.

Add on: Environmental Information per m² – Window

To calculate the total environmental impact for a Ecolid manual folding door with windows you need to scale and add the impact from both components, see the equation below.

$$m^2 \text{ Ecolid} \times \text{Indicator per } m^2 \text{ Ecolid} + m^2 \text{ Windows} \times \text{Indicator per } m^2 \text{ windows} \\ = \text{Total impact}$$

Below gives an example of a calculation on how to calculate the GWP-fossil impact in A1 for an industrial door with the requirements in the table below.

Component	Measurement
Ecolid manual folding door	16 m ²
Windows	4 windows which equals to 1,66 m ²

GWP-fossil impact in A1 per m² Ecolid manual folding door: $7,55E+01$ kg CO₂ eq.

GWP-fossil impact in A1 per m² Windows: $7,68E+01$ kg CO₂ eq.

Total impact:

$$16 \text{ m}^2 * 7,55E+01 \text{ kg CO}_2 \text{ eq} + 1,66 \text{ m}^2 * 7,68E+01 \text{ kg CO}_2 \text{ eq.} = 1,33E+03 \text{ kg CO}_2 \text{ eq.}$$

The total impact for the industrial door specified above is **1,33E+03 kg CO₂ eq.** in A1 for GWP-fossil. The same method can be used to calculate any environmental indicator for a specified Ecolid manual folding door product with or without windows.

Potential environmental impact – mandatory indicators according to EN 15804

Results per m² window – only to be used as an add-on to Ecolid manual folding door

Indicator	Unit	A1	A2	A3	Tot.A1-A3	C1	C2	C3	C4	D
GWP-fossil	kg CO ₂ eq.	7,68E+01	1,26E+00	0,00E+00	7,80E+01	0,00E+00	8,76E-01	5,15E-01	2,08E-01	-3,18E+01
GWP- biogenic	kg CO ₂ eq.	1,95E-01	-1,74E-04	0,00E+00	1,95E-01	0,00E+00	-1,22E-04	7,38E-01	1,60E-03	-3,80E-02
GWP- luluc	kg CO ₂ eq.	1,40E-01	0,00E+00	0,00E+00	1,40E-01	0,00E+00	0,00E+00	9,98E-05	2,11E-04	-8,06E-02
GWP-total	kg CO ₂ eq.	7,71E+01	1,26E+00	0,00E+00	7,84E+01	0,00E+00	8,76E-01	1,25E+00	2,10E-01	-3,19E+01
ODP	kg CFC 11 eq.	6,72E-06	1,94E-09	0,00E+00	6,73E-06	0,00E+00	1,35E-09	6,23E-09	6,34E-08	-1,46E-06
AP	mol H ⁺ eq.	5,51E-01	7,86E-03	0,00E+00	5,59E-01	0,00E+00	5,48E-03	3,54E-04	1,76E-03	-1,95E-01
EP- freshwater	kg P eq.	2,38E-02	4,75E-07	0,00E+00	2,38E-02	0,00E+00	3,31E-07	3,83E-05	6,05E-05	-1,31E-02
EP-marine	kg N eq.	9,60E-02	3,70E-03	0,00E+00	9,97E-02	0,00E+00	2,58E-03	1,97E-04	6,06E-04	-3,46E-02
EP- terrestrial	mol N eq.	1,05E+00	4,06E-02	0,00E+00	1,09E+00	0,00E+00	2,83E-02	1,55E-03	6,60E-03	-3,57E-01
POCP	kg NMVOC eq.	2,95E-01	9,98E-03	0,00E+00	3,05E-01	0,00E+00	6,96E-03	3,96E-04	1,91E-03	-1,09E-01
ADP-minerals & metals*	kg Sb eq.	8,81E-04	4,98E-08	0,00E+00	8,81E-04	0,00E+00	3,47E-08	1,43E-07	6,81E-07	-3,87E-04
ADP-fossil*	MJ	9,18E+02	1,77E+01	0,00E+00	9,36E+02	0,00E+00	1,23E+01	6,31E-01	4,90E+00	-3,40E+02
WDP	m ³	2,71E+01	4,80E-03	0,00E+00	2,71E+01	0,00E+00	3,35E-03	6,68E-02	2,13E-01	2,98E+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.*

Potential environmental impact – additional mandatory and voluntary indicators

Results per m² window – only to be used as an add-on to Ecolid manual folding door

Indicator	Unit	A1	A2	A3	Tot.A1-A3	C1	C2	C3	C4	D
GWP-GHG ²	kg CO ₂ eq.	7,51E+01	1,36E+00	0,00E+00	7,65E+01	0,00E+00	8,64E-01	5,20E-01	2,05E-01	-5,59E+00

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

Use of resources

Results per m² window – only to be used as an add-on to Ecolid manual folding door

Indicator	Unit	A1	A2	A3	Tot.A1-A3	C1	C2	C3	C4	D
PERE	MJ	8,20E+01	3,33E-02	0,00E+00	8,21E+01	0,00E+00	1,64E-02	8,01E-02	8,37E-02	2,44E+00
PERM	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
PERT	MJ	8,20E+01	3,33E-02	0,00E+00	8,21E+01	0,00E+00	1,64E-02	8,01E-02	8,37E-02	2,44E+00
PENRE	MJ	9,81E+02	2,04E+01	0,00E+00	1,00E+03	0,00E+00	1,31E+01	6,67E-01	5,21E+00	3,39E+00
PENRM	MJ.	4,19E+01	0,00E+00	0,00E+00	4,19E+01	0,00E+00	0,00E+00	0,00E+00	-4,19E+01	0,00E+00
PENRT	MJ	1,02E+03	2,04E+01	2,00E+00	1,04E+03	0,00E+00	1,31E+01	6,67E-01	-3,67E+01	3,39E+00
SM	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
RSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,97E-02	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	4,97E-02	0,00E+00	0,00E+00
FW	m ³	2,66E+01	7,21E-03	0,00E+00	2,66E+01	0,00E+00	3,35E-03	6,76E-02	2,13E-01	1,37E+00

Acronyms

PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water

² The indicator includes all greenhouse gases included in GWP-total but excludes biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. This indicator is thus almost equal to the GWP indicator originally defined in EN 15804:2012+A1:2013.

Waste production and output flows

Waste production

Results per m ² window – only to be used as an add-on to Ecolid manual folding door										
Indicator	Unit	A1	A2	A3	Tot.A1-A3	C1	C2	C3	C4	D
Hazardous waste disposed	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Non-hazardous waste disposed	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Radioactive waste disposed	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

Output flows

Results per m ² window – only to be used as an add-on to Ecolid manual folding door										
Indicator	Unit	A1	A2	A3	Tot.A1-A3	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	0,00E+00
Material for recycling	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Materials for energy recovery	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,80E-01	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	1,26E+01
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	3,77E+01

Information on biogenic carbon content

Results per m ² window – only to be used as an add-on to Ecolid manual folding door		
BIOTIC CARBON CONTENT	Unit	QUANTITY
Biogenic carbon content in product	kg C	0
Biogenic carbon content in packaging	kg C	0

Note: 1 kg biogenic carbon is equivalent to 44/12 kg CO₂.

References

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Ecoinvent 3.8 database, <http://www.ecoinvent.org/>

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LCA software SimaPro Analyst 9.1.1.1

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