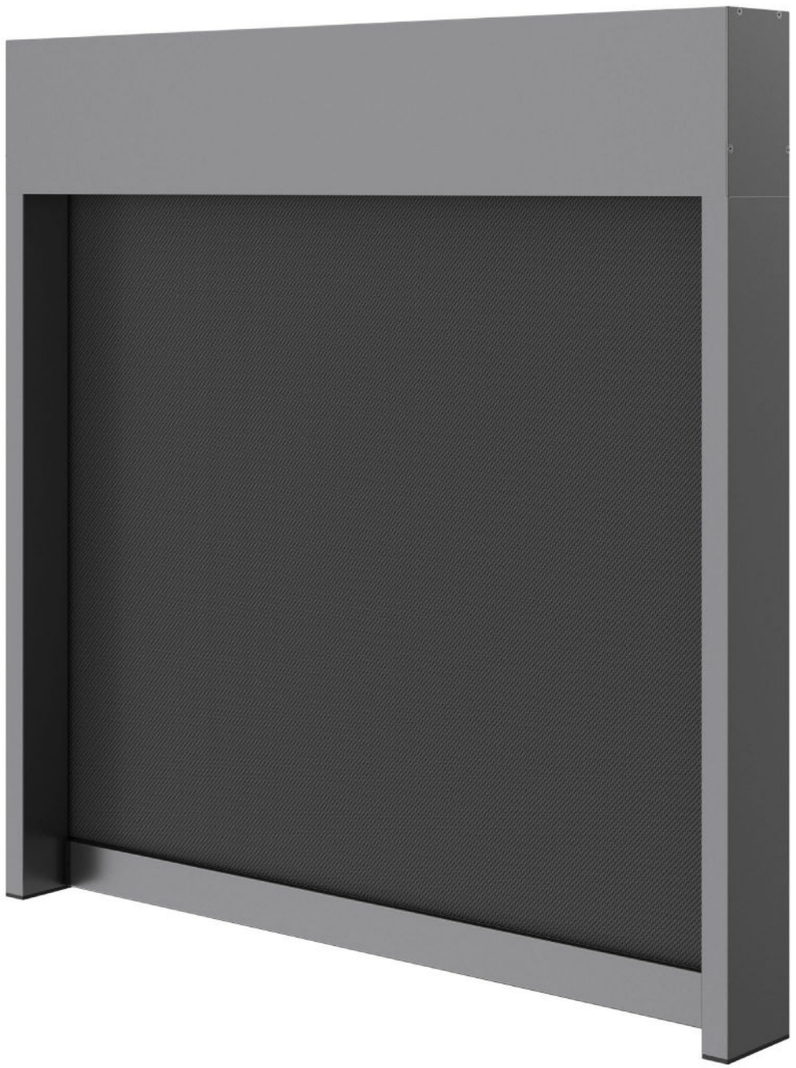
ENVIRONMENTAL PRODUCT DECLARATION

NEVA®

TEXTILE SCREEN

2026

EPD
INTERNATIONAL EPD SYSTEM
ECO PLATFORM
EPD
VERIFIED



ENVIRONMENTAL PRODUCT DECLARATION

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

TEXTILE SCREEN
from ŽALUZIE NEVA, s.r.o.

Programme	The International EPD System, www.environdec.com
Programme operator	EPD International AB
Type of EPD	EPD of multiple products, based on a representative product
EPD registration number:	EPD-IES-0028399:002
Version date	2026-01-27
Validity date	2031-01-27
	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

PCR review was conducted by: The Technical Committee of the International EPD® System.
A full list of members available on www.environdec.com. The review panel may be contacted via info@environdec.com.

THIRD-PARTY VERIFICATION

Independent third-party verification of the declaration and data, according to ISO 14025:2006, via:

[X] **Individual EPD verification without a pre-verified LCA/EPD tool**
Third-party verifier: TZÚS Praha is an approved certification body accountable for the third-party verification

190 00 Praha 9, Prosecká 811/76a, CZ
The certification body is accredited by: Czech Accreditation Institute, o.p.s., Certificate no. 456/2024
Verifier: Ing. Lenka Vrbová

Procedure for follow-up of data during EPD validity involves third party verifier:

[ ] Yes [X] 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	ŽALUZIE NEVA, s.r.o.
Address	Háj 370, 798 12 Kralice na Hané
Contact	Lukáš Musil, lukas.musil@neva.eu, info@neva.eu
Address and contact information of the LCA practitioner commissioned by the EPD owner, if applicable	Jiří Zlámal, Greenometer, jiri.zlamal@green0meter.com, info@green0meter.com
Description of the organisation	ŽALUZIE NEVA s.r.o. is a Czech company based in Kralice na Hané, specializing in the development and production of shading technology. It is one of the leading manufacturers of external blinds and fabric roller shades in Central Europe. The company has been active on the market since the 1990s and has built a strong position thanks to its combination of technical precision, modern production, and an individual approach to customers. NEVA products are designed for both residential and commercial buildings and are characterized by long service life, high manufacturing quality, and a focus on both design and functionality. The company also emphasizes sustainability and efficient use of materials and energy – NEVA shading systems contribute to reducing the energy demand of buildings and ensuring a comfortable indoor environment.

PRODUCT INFORMATION

Product name:	Textile Screen
Product identification:	Average configuration, with engine
UN CPC code	CPC 42120: Doors, windows and their frames and thresholds for doors, of iron, steel or aluminium
Product description	Fabric roller blinds NEVA represent a modern exterior shading system that combines functionality, aesthetic purity, and long service life. They are made of a special technical fabric resistant to weather conditions, effectively regulating solar radiation and heat gains while maintaining an outside view. As a result, the fabric blinds contribute to a comfortable indoor climate, privacy protection, and the building's energy efficiency. ŽALUZIE NEVA offers a wide range of color and technical options, including integration with smart home systems, providing an elegant and sustainable solution for contemporary architecture. While properly maintained, lifespan of installed shading technology can reach tens of years.
Name and location of production site(s)	Háj 370, 798 12 Kralice na Hané
References to any relevant websites for more information or explanatory materials	https://www.neva.eu/en/textile-screens/

CONTENT DECLARATION

Product content	Mass, kg	Post-consumer recycled material, mass-% of product	Biogenic material, mass-% of product	Biogenic material, kg C/product or declared unit
Polyamide	0.24	0 %	0	0
PVC	0.08	0 %	0	0
Stainless steel	0.12	0 %	0	0
Plastic	0.31	0 %	0	0
Galvanized steel	5.41	0 %	0	0
POM plastic	0.16	0 %	0	0
Screen fabric	0.69	0 %	0	0
Motor	1.80	0 %	0	0
Aluminum	9.18	0 %	0	0
TPE	0.03	0 %	0	0
Copper	0.02	0 %	0	0
Polyester	0.72	0 %	0	0
TOTAL	18.76	0 %	0	0

Packaging materials	Mass, kg	Mass-% (versus the product)	Biogenic material, kg C/product or declared unit
Paperboard	1.10	5.86%	0.406
PE foil	0.03	0.16%	0
TOTAL	1.13	6.02%	0.406

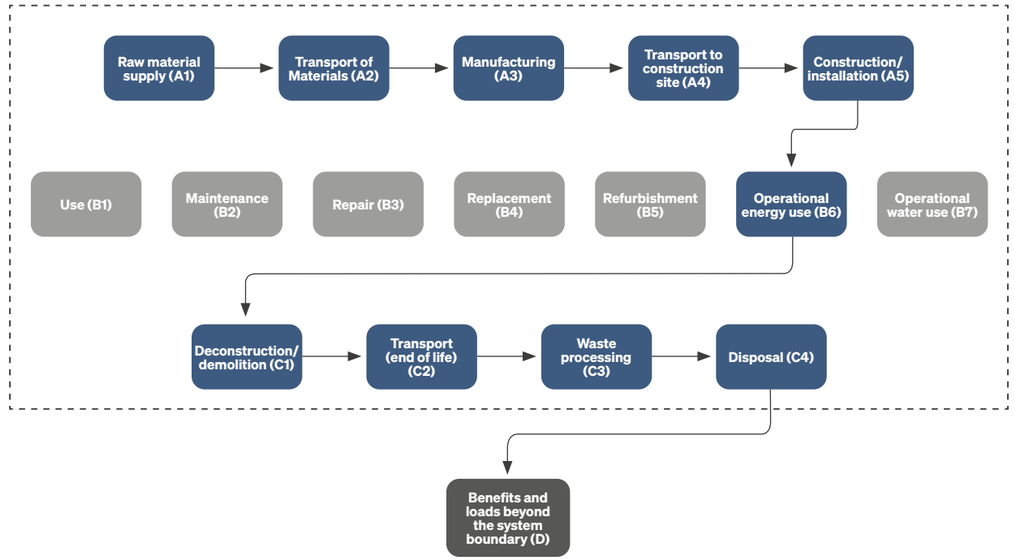
1 kg biogenic carbon in the product/packaging is equivalent to the uptake of 44/12 kg of CO_2.

Hazardous substances from the candidate list of SVHC	EC No.	CAS No.	Mass-% per product or declared unit
N/A	N/A	N/A	N/A

LCA INFORMATION

Declared unit	1 m^2 of externally shaded area with RSL of 15 years. (18.76 kg per m^2)
Reference service life	15 years
Time representativeness	Site-specific data were collected during 2025 and are based on 2024 data
Geographical scope	Geographical scope of the manufacturing process is Czech Republic; all other modules are in the geographical scope of Europe.
Database(s) and LCA software used	OpenLCA v2.4.1, Ecoinvent v3.11 EN 15804GD, Impact assessment method: EN 15804GD + A2 (based on EF 3.1)
Description of system boundaries	Cradle-to-gate with options, modules C1-C4, module D and optional modules A4, A5, B6

PROCESS FLOW DIAGRAM



More information	
The climate impact of electricity (GWP-GHG indicator)	0.508392 kg CO_2 eq./kWh
Used characterisation methods and LCA database	ecoinvent v3.11 with EN15804+A2 add-on evaluated via EF 3.1 characterisation method.
Harmonised standard	EN 13561:2004+A1:2008

FOR DOWNSTREAM LIFE-CYCLE STAGES, THE FOLLOWING SCENARIOS WERE MODELLED

- A4 Transport: A default transport distance of 1 km to the client was assumed for comparability, with results scalable for specific project conditions.
- A5 Installation: Includes use of expected amount of fasteners. Packaging waste and handling at installation are also accounted for.
- B Use stage: No maintenance nor repair. Energy consumption as stated in motor documentation adopted in RER geography.
- C1–C4 End-of-life: Modelled with selective distribution between treatment routes:
  - C3 Recycling: 14.71 kg of metal material recycled and 1.135 kg incinerated with energy recovery.
  - C4 Disposal: 1.115 kg landfilled
- Module D: Accounts for benefits beyond system boundaries from the recycling of metallic materials designated for recovery in Modules A3 and C3, the recycling of a portion of cardboard packaging from Modules A3 and A5, and energy recovery from incinerated plastic components modelled with a net calorific value of 35 MJ/kg.

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	X	ND	X	X	X	X	X
Geography	RER	RER	CZ	RER	RER						RER		GLO	GLO	GLO	GLO	GLO
Share of primary data	71.75%			–	–	–	–	–	–	–	–	–	–	–	–	–	
Variation – products	–			–	–	–	–	–	–	–	–	–	–	–	–	–	
Variation – sites	–			–	–	–	–	–	–	–	–	–	–	–	–	–	

SUMMARY OF THE DATA QUALITY ASSESSMENT

A data quality assessment was carried out in accordance with EN 15941 and PCR 2019:14 (Construction products). Data quality was evaluated with respect to temporal, geographical and technological representativeness. 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, E.1 is mainly very good or good. Primary data were used for manufacturing processes under the operational control of the EPD owner (module A3), while background processes were modelled using established LCA databases.

Process	Source type	Source	Reference year	Data category	Share of primary data, of GWP-GHG results for A1-A3
Production of electrical engine	PEP	SOMF-00005-V03.01-EN	2023	Primary data	16.70%
Generation of electricity used in manufacturing of product	Database	Ecoinvent v3.11	2024	Primary data	2.40%
Manufacturing of product	Collected data	EPD owner	2024	Primary data	4.12%
Manufacturing of aluminium profiles	EPD	No. 260/2023	2023	Primary data	48.53%
Production of other materials, other processes	Database	Ecoinvent v3.11	2024	Secondary data	0.00%
Production of other materials, other processes	Database	Ecoinvent v3.11	2024	Secondary data	0.00%
Total share of primary data, of GWP-GHG results for A1-A3					71.75%

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

ENVIRONMENTAL PERFORMANCE

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

MANDATORY IMPACT CATEGORY INDICATORS ACCORDING TO EN 15804

Results per functional or declared unit

Indicator	Unit	A1-A3	A4	A5	B6	C1	C2	C3	C4	D
GWP-total	kg CO_2 eq.	9.56E+01	3.38E-03	2.94E+00	2.24E+01	0.00E+00	6.34E-01	4.22E+00	1.33E-01	-8.26E+01
GWP-fossil	kg CO_2 eq.	9.72E+01	3.38E-03	1.71E-01	2.16E+01	0.00E+00	6.33E-01	4.22E+00	1.33E-01	-8.21E+01
GWP-biogenic	kg CO_2 eq.	-1.28E+00	2.35E-06	2.77E+00	7.03E-01	0.00E+00	4.40E-04	5.83E-03	1.11E-06	-3.46E-01
GWP-luluc	kg CO_2 eq.	1.46E+00	1.14E-06	7.77E-05	6.38E-02	0.00E+00	2.10E-04	7.86E-05	5.58E-07	-1.84E-01
ODP	kg CFC 11 eq.	1.30E-05	7.36E-11	1.87E-09	4.02E-07	0.00E+00	1.38E-08	1.28E-07	8.11E-11	-5.45E-07
AP	mol H+ eq.	9.44E-01	7.25E-06	5.96E-04	1.25E-01	0.00E+00	1.36E-03	1.02E-02	4.98E-05	-5.08E-01
EP-freshwater	kg P eq.	5.55E-02	2.34E-07	5.73E-05	2.08E-02	0.00E+00	4.39E-05	3.60E-05	1.76E-07	-3.16E-02
EP-marine	kg N eq.	1.36E-01	1.75E-06	9.10E-04	1.99E-02	0.00E+00	3.30E-04	2.78E-03	1.35E-03	-8.82E-02
EP-terrestrial	mol N eq.	1.38E+00	1.89E-05	1.75E-03	1.76E-01	0.00E+00	3.54E-03	3.45E-02	2.50E-04	-9.22E-01
POCP	kg NMVOC eq.	4.77E-01	1.15E-05	1.15E-03	5.62E-02	0.00E+00	2.16E-03	7.66E-03	1.10E-04	-2.89E-01
ADP-mineras &metals *	kg Sb eq.	2.26E-03	1.19E-08	7.12E-07	2.90E-04	0.00E+00	2.22E-06	7.48E-07	2.01E-09	-9.18E-04
ADP-fossil *	MJ	2.06E+03	4.80E-02	1.62E+00	4.99E+02	0.00E+00	9.00E+00	2.36E+01	7.09E-02	-8.97E+02
WDP *	m3	1.16E+02	2.50E-04	5.98E-02	1.40E+01	0.00E+00	4.77E-02	8.47E-01	1.80E-04	-2.32E+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

*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

Results per functional or declared unit

Indicator	Unit	A1-A3	A4	A5	B6	C1	C2	C3	C4	D
GWP-GHG[1]	kg CO_2 eq.	8.04E+01	3.38E-03	1.66E+00	2.17E+01	0.00E+00	6.33E-01	4.22E+00	1.33E-01	-8.22E+01

Other voluntary impact indicators have been excluded from the assessment since one of the data source EPD did not include these indicators.

RESOURCE USE INDICATORS

Results per functional or declared unit

Indicator	Unit	A1-A3	A4	A5	B6	C1	C2	C3	C4	D
PERE	MJ	6.14E+01	7.90E-04	1.24E-01	1.35E+02	0.00E+00	1.48E-01	1.54E+00	4.50E-04	-1.04E+02
PERM	MJ	2.19E+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	6.36E+01	7.90E-04	1.24E-01	1.35E+02	0.00E+00	1.48E-01	1.54E+00	4.50E-04	-1.04E+02
PENRE	MJ	9.37E+02	4.80E-02	1.62E+00	4.99E+02	0.00E+00	9.00E+00	2.36E+01	7.09E-02	-8.97E+02
PENRM	MJ	1.29E+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
PENRT	MJ	9.49E+02	4.80E-02	1.62E+00	4.99E+02	0.00E+00	9.00E+00	2.36E+01	7.09E-02	-8.97E+02
SM	kg	6.42E+00	4.69E-05	1.38E-02	6.63E+00	0.00E+00	8.79E-03	3.92E-03	4.09E-05	-9.65E+00
RSF	MJ	4.38E-01	1.10E-05	1.93E-03	3.92E+00	0.00E+00	2.06E-03	5.70E-04	4.26E-06	-1.05E+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	0.00E+00
FW	m3	4.66E-01	5.87E-06	8.58E-04	3.25E-01	0.00E+00	1.10E-03	1.97E-02	4.55E-06	-5.66E-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

WASTE INDICATORS

Results per functional or declared unit

Indicator	Unit	A1-A3	A4	A5	B6	C1	C2	C3	C4	D
Hazardous waste disposed	kg	4.73E+01	4.95E-05	2.51E-02	5.87E-01	0.00E+00	9.27E-03	2.71E+00	6.36E-05	-1.45E+01
Non-hazardous waste disposed	kg	5.99E+01	5.30E-04	1.16E+00	4.79E+00	0.00E+00	9.90E-02	1.81E+00	1.12E+00	-4.41E+01
Radioactive waste disposed	kg	4.41E-03	1.43E-08	2.04E-06	3.58E-03	0.00E+00	2.68E-06	7.99E-05	7.46E-09	-1.29E-03

OUTPUT FLOW INDICATORS

Results per functional or declared unit

Indicator	Unit	A1-A3	A4	A5	B6	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	2.29E+00	4.23E-05	1.43E-02	6.48E+00	0.00E+00	7.93E-03	7.74E-03	3.37E-05	-3.97E+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	0.00E+00
Exported energy, electricity	MJ	2.66E-01	9.36E-06	1.24E-03	2.37E+00	0.00E+00	1.75E-03	1.54E-02	3.33E-06	-6.96E-01
Exported energy, thermal	MJ	7.34E-01	1.13E-05	1.35E-03	3.25E-02	0.00E+00	2.12E-03	2.71E-03	1.58E-06	-4.15E+00

[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.

ADDITIONAL LCA RESULTS (OTHER ENVIRONMENTAL PERFORMANCE RESULTS) OF THE PRODUCT(S)

Results for end-of-life stage scenarios if each scenario would be 100% (modules C3-C4)

Indicator	Unit	Recycling (C3)	Incineration (C3)	Landfill (C4)
GWP-total	kg CO2 eq.	0.00E+00	6.40E+00	2.32E+00
GWP-fossil	kg CO2 eq.	0.00E+00	6.39E+00	2.32E+00
GWP-biogenic	kg CO2 eq.	0.00E+00	7.02E-03	4.64E-03
GWP-luluc	kg CO2 eq.	0.00E+00	1.57E-04	1.41E-06
ODP	kg CFC 11 eq.	0.00E+00	1.31E-07	1.25E-07
AP	mol H+ eq.	0.00E+00	1.09E-02	9.53E-03
EP-freshwater	kg P eq.	0.00E+00	6.41E-05	8.22E-06
EP-marine	kg N eq.	0.00E+00	3.08E-03	5.17E-03
EP-terrestrial	mol N eq.	0.00E+00	3.72E-02	3.23E-02
POCP	kg NMVOC eq.	0.00E+00	8.42E-03	7.13E-03
ADP-minerals&metals *	kg Sb eq.	0.00E+00	1.40E-06	1.04E-07
ADP-fossil *	MJ	0.00E+00	2.47E+01	2.26E+01
WDP *	m^3	0.00E+00	1.54E+00	1.54E-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

ADDITIONAL ENVIRONMENTAL INFORMATION

Proper use: Textile screens are designed for outdoor installation on building openings/envelopes. Use suitable anchors in a load-bearing substrate and follow the installer's instructions. Observe the wind-load resistance stated on the nameplate and fully retract the screen when local wind speeds exceed the labeled class. In freezing conditions, check that guides and the bottom bar are not iced over before operating; remove frost first. These measures reduce damage and extend service life, lowering impacts during use.

Maintenance and service: No special maintenance is required. Clean with water only, without chemicals or abrasives, and do not apply greases or oils. Periodically verify the safe condition of the drive and cabling and keep bystanders clear of moving parts.

Emissions during use: For normal outdoor use, no specific releases to indoor air are expected when installation and maintenance guidance is followed.

Reuse, recycling and end-of-life: Selected components may be suitable for reuse after inspection. Aluminium boxes, guides and bottom bars and steel shafts/weights are recyclable; mixed small plastic parts and fabrics may be routed to energy recovery or residual waste as locally available. Potential benefits from metal recycling are reported in Module D.

Packaging, quality schemes: Packaging is designed to protect the product with minimized waste and should be sorted according to local schemes. The manufacturer operates in-house powder coating under recognized quality schemes and pursues broader environmental measures; further details are available in company documentation.

Total environmental impact of product with different dimensions may vary since the configuration of the product changes.
For example, slightly wider product would still use the same motor, resulting in lower environmental impacts per shaded area.

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^2	Square Meter
m^3	Cubic Meter
NMVOC	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

General Programme Instructions of the International EPD® System. Version 5.0.1
PCR 2019:14, version 2.0.1
ISO 14025: EN ISO 14025:2006-11: Environmental labels and declarations - Type III environmental declarations — Principles and procedures
ISO 14040:2006 Environmental management — Life cycle assessment — Principles and framework
ISO 14044:2006 Environmental management — Life cycle assessment — Requirements and guidelines
EN 15804+A2:2019/AC:2021 European Committee for Standardization: Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products
Ecoinvent: www.ecoinvent.org
More production related information to be requested at: info@neva.eu

VERSION HISTORY

Original Version of the EPD, 2026-01-27

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EPD
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