

Environmental Product Declaration

Average EPD

In accordance with ISO 14025:2010 and EN 15804:2012+A2:2019/AC:2021

Octave Locker Range

Washroom Washroom Ltd



Programme

EPD Square | www.epdsquare.com

Programme operator

EPD Square, s.r.o.

EPD Registration number

SQ 00-078

Publication date

27.08.2026

Valid until

26.08.2031

General information

Product

Octave Locker Range

Octave Locker Models: ARPA FENIX® HPL, EGGER HPL, GREENLAM HPL, POLYREY HPL, VENEER

Program operator

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Registration number

SQ 00-078

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26.08.2031

Owner of the declaration

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Manufacturer

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Place of production

Washroom Washroom Ltd
Units 1-10 Hill, Farm Epping, Lane Abridge
Essex, RM4 1TU, United Kingdom

Product Category Rules (PCR)

EPD Square PCR v1.0.1, 2025

Declared/Functional unit

1 Unit of Octave Locker Measuring 300 mm (Width) x
500 mm (Depth) x 1800 mm (Height)

Mass per DU

42.75 kg

UN CPC code

31422 Other plywood, veneered panels and similar
laminated wood, of non-coniferous wood

Geographical scope

United Kingdom

Year of study

2024

Comparability

EPDs of construction products may not be comparable if
they do not comply with EN 15804 and if they are not
compared in the context of the building.

EPD author

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Verification type

Independent verification of the declaration and data,
according to ISO14025:2010

Internal: ☐

External: ☒

Verified by

Daniel Satola, Daniel Satola Consulting

Satola Daniel

The owner of the declaration shall be liable for the underlying information and evidence.

EPD Square shall not be liable with respect to manufacturer, life cycle assessment data and evidence.

System boundaries

The EPD covers Cradle-to-gate with options, modules C1-C4, module D and additional modules (A4, A5).

Modules declared and geographical scope

	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	✓	✓	✓	✓	✓	ND	ND	ND	ND	ND	ND	ND	✓	✓	✓	✓	✓
Geographic scope	GLO	GLO	UK	UK	UK	ND	ND	ND	ND	ND	ND	ND	UK	UK	UK	UK	UK

Not declared = ND.

Description of organization

Since 2001, Washroom Washroom Limited has been a leader in designing and manufacturing premium washroom and changing room solutions. Operating from its Essex-based facilities, the company delivers bespoke cubicles, vanities, lockers, and duct panelling with a focus on quality, innovation, and sustainability. Its commitment to excellence has earned industry recognition, establishing Washroom Washroom Limited as a trusted partner for projects across the UK.

Product information

Product name

Octave Locker Range

Octave Locker Models: ARPA FENIX® HPL, EGGER HPL, GREENLAM HPL, POLYREY HPL, VENEER

Product description

This Environmental Product Declaration (EPD) applies to the Octave locker system, a modular storage product intended for secure personal storage in internal building applications. The declared product consists of factory-manufactured locker units supplied as a complete system, including doors, carcass components, internal shelves, fittings, and integrated locking hardware, ready for installation on site.

Octave lockers are manufactured with High Pressure Laminate (HPL) or Veneer finish, including variants produced using compact laminate from FENIX (Italy), Greenlam (India), Polyrey (France), Egger UK (Austria), or veneer-faced components. Locker doors are finished in laminate or veneer with mechanically fixed lipped edges in PVC, selected according to application requirements. Locker carcasses are manufactured from 19 mm melamine faced medium density fibreboard (MDF). Where required, carcass finishes are coordinated to match the door finish. The Octave locker system is designed for use as fixed internal storage furniture within dry, controlled indoor environments. Typical applications include workplaces, educational buildings, leisure facilities, and other commercial or public buildings requiring individual secure storage.

Standard locker dimensions are 300 mm (width) × 500 mm (depth) × 1800 mm (height), measured from plinth level. The system incorporates architectural-grade fittings, including metal hinges and permanently fixed number plates. Each locker is equipped with an electronic keypad-based Digi Lock, which forms an integral part of the declared product system.

Product application

This EPD covers the locker units as supplied to site. The declaration excludes the supporting building structure, site-installed plinths by others, installation materials, and any adjacent building elements or finishes not forming part of the locker assembly.

Geographical scope

United Kingdom

Product contents information

Product components	Weight, kg	Post-consumer material, weight-%	Renewable material, weight-%
Melamine Faced MDF	37	0	91
High pressure laminate / Veneer	2 - 3	0	63
Blum Hinges	0.75	0	0
PVC Edging	0.126	0	0
Lock Digi Lock	0.48	0	-
Surface mounted engraved number plates	0.006	0	0
Adhesive	1.89	0	0
TOTAL	42.25-43.25	0	82.67 - 82.22
Packaging materials	Weight, kg	Weight-% (versus the product)	
Cardboard box + protection	3.5	8.09 - 8.28	
Wooden pallet	10.0	23.12 - 23.67	
PP strapping	0.2	0.46 - 0.47	
TOTAL	13.7	31,43 - 32,68	

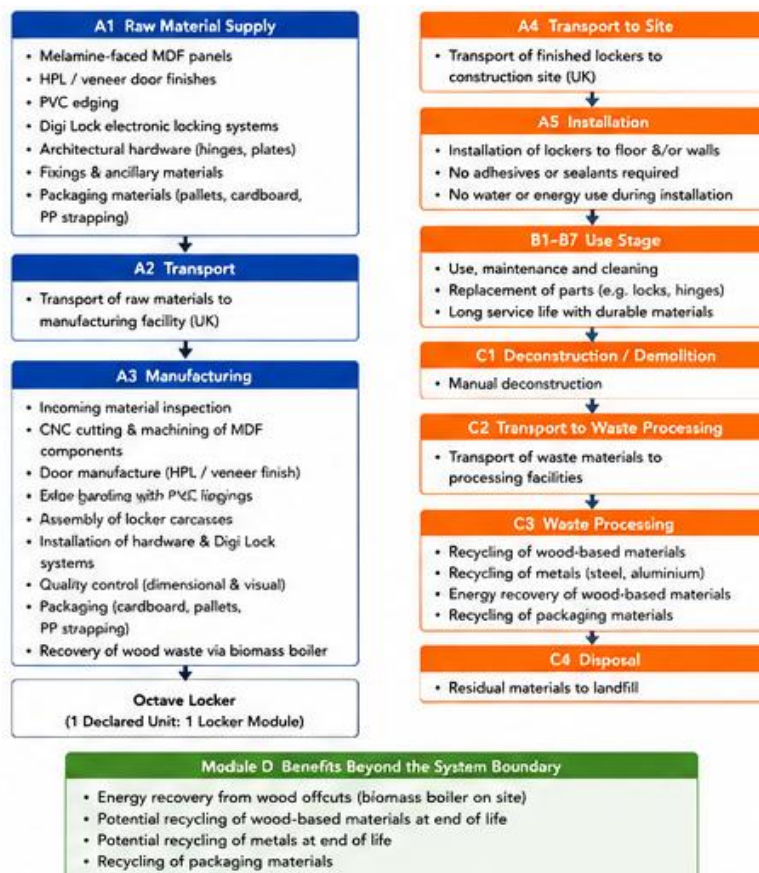
Manufacturing process

The Octave Locker Range is manufactured at Washroom Washroom Limited's production facility in the United Kingdom using a controlled production process common to all locker variants. Manufacturing begins with the inspection of incoming raw materials, including melamine-faced MDF panels, decorative HPL or veneer door finishes, PVC edging, Digi Lock electronic locking systems, architectural hardware and ancillary packaging materials.

Locker carcass components are precision cut and CNC machined from melamine-faced MDF. Doors are manufactured with decorative HPL or veneer finishes and mechanically edged using PVC lippings where specified. Shelves, carcass panels and structural components are machined according to production drawings before assembly.

Following panel preparation, locker carcasses are mechanically assembled and fitted with architectural hinges, permanently fixed number plates and integrated Digi Lock electronic locking systems. Product variants are manufactured on the same production line and differ only in decorative finish.

Manufacturing operations include CNC cutting, drilling, routing, edge finishing and mechanical assembly. Dimensional and functional inspections are completed before packaging. Electricity consumption is allocated according to annual production output. Packaging consists of cardboard protection, timber pallets and polypropylene strapping. Timber waste generated during manufacture is recovered through the site's biomass boiler to support on-site energy recovery.



Life cycle assessment

Cut-off criteria

The study does not exclude any modules or processes which are stated mandatory in the standards and PCR. The study does not exclude any hazardous materials or substances.

The study includes all major raw material and energy consumption. All inputs and outputs of the unit processes for which data is available are included in the calculation. There is no neglected unit process more than 1% of total mass and energy flows. The total excluded input and output flows do not exceed 5% of energy usage or mass.

The production of capital equipment, construction activities, and infrastructure, maintenance and operation of capital equipment, personnel-related activities, energy and water use related to company management and sales activities are excluded.

The LCA includes all industrial processes from raw material acquisition to production, distribution, installation and end-of-life stages. The study includes modules A1-A3, A4, A5, C1-C4 and D modules, and does not exclude any modules or processes which are stated mandatory in the EN 15804:2012+A2:2019 and the applied PCR.

Allocation, estimations, and assumptions

Allocation is based on the annual production output of the manufacturing facility. Primary manufacturing data, including material consumption, electricity use, packaging materials and waste generation, were allocated to the declared unit using a mass-based allocation in accordance with EN 15804+A2. Where allocation could not be avoided, physical relationships were applied.

This EPD represents averaged results in accordance with the applicable averaging rules.

Database(s) and LCA software

This EPD has been created using One Click LCA Pre-Verified EPD Generator. Ecoinvent v3.11, Environmental Product Declarations and One Click LCA databases were used as sources of environmental data.

LCA scenarios and additional technical information

Module A1

This module includes the extraction and processing of all raw materials and packaging which occur upstream to the manufacturing site.

Module A2

This module covers the transportation of all raw materials and components from their respective suppliers to the manufacturing and assembly facility. Transport is modelled using a combination of road freight and sea freight, reflecting supplier locations and typical logistics routes. Transport distances are derived from supplier origin data and conservative routing assumptions. All inbound transport is modelled using Euro-compliant heavy goods vehicles and container shipping where applicable. Module includes Transport, freight, lorry, 16-32 metric ton, diesel, EURO 6 and Transport, freight, sea, container ship, heavy fuel oil, Ecoinvent 3.11.

Module A3

Manufacturing includes cutting, machining and edging of HPL and MDF panels; drilling and preparation of panels for hardware installation; application of adhesives; assembly of panels and carcass components; installation of hinges, locks and aluminium elements; and final product assembly. Electricity consumption at the manufacturing facility is included and modelled using a market-based United Kingdom electricity mix. Energy use is allocated to the declared unit based on total product mass. Packaging materials used during manufacturing and dispatch, including corrugated cardboard, wooden pallets and polypropylene strapping, are accounted for in module A3. Manufacturing waste, primarily consisting of wood-based panel offcuts, is modelled as waste wood and routed to appropriate waste treatment processes. No significant process-related direct emissions occur during manufacturing beyond those associated with electricity use and waste treatment.

Manufacturing energy scenario (A3)

Electricity data source and quality	Electricity, medium voltage, residual mix, United Kingdom	Ecoinvent 3.11
Electricity CO _{2e} / kWh	0.47	

Module A4

The delivery (A4) of the finished locker system to the construction site is modelled using a 3.5-tonne EURO 5 compliant van. A conservative average transport distance of 150 km is assumed to represent typical regional deliveries from the manufacturing facility to the site; this distance is considered a realistic upper bound given variability in customer locations. Due to protective palletisation and secure packaging, no material losses are expected during transport..

Transportation scenario (A4)

Vehicle type used for transport	Transport, freight, lorry 3.5-7.5 metric ton, EURO 6, Ecoinvent 3.11
Distance to the construction site	150 km
Capacity utilization	1
Capacity utilization factor	1

Module A5

Installation is assumed to be carried out manually using standard hand tools, with no requirement for powered equipment or energy-intensive machinery. Silicone-based adhesives are applied during installation to ensure proper alignment and secure fixing. No material losses occur during installation. Packaging materials removed at site, including cardboard, wooden pallets and plastic strapping, and modelled for end-of-life treatment.

Module C1

The energy and use of natural resources during deconstruction are considered negligible; dismantling is assumed to be carried out manually with basic hand tools and no significant auxiliary inputs.

Module C2

Following removal, materials are collected as mixed construction and demolition waste and transported by European heavy goods vehicles to licensed treatment facilities. Transport is modelled by route: 250 km to recycling operations, 150 km to energy-recovery plants, and 50 km to landfill, reflecting typical regional haulage to each destination.

Module C3

At the waste management facility, materials are sorted and routed using Eurostat & BuildLCA treatment splits. Timber-based fractions (MDF/OSB/particleboard) are separated and treated as follows: 26% is recycled (wood chipping/post-consumer chips), 50% is sent to incineration with energy recovery. Energy and resource inputs for sorting, chipping and pre-treatment are included here. Incineration of timber yields exported electricity and heat; energy substitution is modelled with lower heating value-based efficiencies (electricity and thermal generation) consistent with the datasets used. Metal components are modelled as aluminium. In line with Eurostat & BuildLCA, 90% is recovered for recycling. Sorting/pressing loads are also included.

Module C4

24% of timber-based fractions (MDF/OSB/particleboard) is landfilled to represent non-recoverable residues and quality losses. Metal components are modelled as aluminium. In line with Eurostat & BuildLCA, 10% is assumed to be landfilled to reflect collection and sorting losses. Adhesive and sealant residues are treated as non-recyclable inert waste and are landfilled, with a representative haulage of 150 km to disposal (C2); no additional processing beyond compliant disposal is assumed.

End of life (C1, C3, C4)

	Value	Unit
Collected separately	42.75	kg
Collected as mixed construction waste	0.0	kg
Reuse	0.0	kg
Recycling	11.3	kg
Energy recovery	0.0	kg
To landfill	9.88	kg

Module D

Module D accounts for benefits and loads beyond the system boundary arising from material recovery and energy substitution. Recycled aluminium is credited with the avoidance of primary aluminium production, after deducting the loads associated with collection and recycling processes. For timber fractions, two benefits are credited: (i) recycling to secondary

wood-chip markets (post-consumer), and (ii) incineration with energy recovery, which delivers exported electricity and heat that substitute grid electricity and fossil heat carriers; biogenic carbon flows are treated in line with the dataset assumptions. These avoided burdens are reported as net substitutions consistent with EN 15804, ensuring that credits from C3 are not double-counted in Module D.

Data quality

The data quality assessment was carried out in accordance with EN 15941 and the Product Environmental Footprint (PEF) data quality methodology. Manufacturer-specific production data were collected for the reference period January 2024 – December 2024 and complemented with supplier-specific Environmental Product Declarations (EPDs), where available, and ecoinvent v3.11 (2024) background datasets. The overall data quality of the assessment was evaluated as Good to Very Good, with high geographical, technological and temporal representativeness. No significant data gaps or quality issues affecting the conclusions of the study were identified.

LCA results

Results are presented per 1 Unit (Declared Unit) of the product. Estimated impact results are only relative statements which do not indicate the end points of the impact categories, exceeding threshold values, safety margins or risks.

Core environmental impact indicators – EN 15804+A2

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP-total	kg CO ₂ eq.	2.16E+01	4.79E+00	1.96E+01	0.00E+00	6.94E-01	2.30E+01	7.18E+00	-2.74E+01
GWP-fossil	kg CO ₂ eq.	6.67E+01	4.79E+00	3.39E+00	0.00E+00	6.93E-01	8.23E-01	1.81E-01	-8.80E+00
GWP-biogenic	kg CO ₂ eq.	-4.54E+01	0.00E+00	1.62E+01	0.00E+00	-6.78E-21	2.22E+01	7.00E+00	-1.86E+01
GWP-LULUC	kg CO ₂ eq.	2.96E-01	1.80E-03	2.96E-03	0.00E+00	2.58E-04	3.39E-04	8.21E-05	-2.10E-02
ODP	kg CFC-11 eq.	5.30E-06	1.04E-07	6.62E-05	0.00E+00	1.57E-08	5.46E-09	4.33E-09	-1.88E-07
AP	mol H ⁺ eq.	2.89E-01	1.00E-02	1.25E-02	0.00E+00	1.68E-03	3.96E-03	1.20E-03	-6.69E-02
EP-freshwater	kg P eq.	1.03E-02	3.93E-04	8.93E-04	0.00E+00	5.06E-05	2.24E-04	1.32E-04	-1.98E-02
EP-marine	kg N eq.	7.10E-02	2.21E-03	4.47E-03	0.00E+00	4.42E-04	1.89E-03	3.57E-03	-1.59E-02
EP-terrestrial	mol N eq.	6.83E-01	2.38E-02	2.85E-02	0.00E+00	4.78E-03	1.81E-02	4.58E-03	-1.82E-01
POCP	kg NMVOC eq.	6.01E-01	1.50E-02	1.14E-02	0.00E+00	2.81E-03	4.63E-03	1.81E-03	-4.65E-02
ADP-M&M	kg Sb eq.	2.68E-03	2.28E-05	2.32E-05	0.00E+00	2.07E-06	2.31E-06	3.58E-07	-3.29E-04
ADP-fossil	MJ	1.19E+03	6.73E+01	5.36E+01	0.00E+00	1.05E+01	4.91E+00	3.50E+00	-1.54E+02
WDP	m ³	3.48E+01	3.94E-01	4.67E+00	0.00E+00	6.10E-02	8.69E-01	1.38E-01	-4.86E+00

GWP-total: Global Warming Potential; **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; See “additional requirements” for indicator given as P04 eq. **EP-marine:** Eutrophication potential, fraction of nutrients reaching freshwater end compartment; **EP-terrestrial:** Eutrophication potential, Accumulated Exceedance; **POCP:** Formation potential of tropospheric ozone; **ADP-M&M:** Abiotic depletion potential for non-fossil resources (minerals and metals); **ADP-fossil:** Abiotic depletion potential for fossil resources; **WDP:** Water deprivation potential, deprivation weighted water consumption

Additional (optional) environmental impact indicators – EN 15804+A2

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PM	Disease incidence	4.29E-01	2.57E-07	1.37E-07	0.00E+00	6.85E-08	4.54E-08	2.51E-08	-1.19E-06
IRP	kBq U235 eq.	8.14E+00	1.23E-01	3.12E-01	0.00E+00	1.18E-02	5.15E-02	3.31E-03	-3.27E+00
ETP-fw	CTUe	3.07E+03	5.98E+01	1.87E+02	0.00E+00	9.04E+00	1.88E+01	4.37E+01	-1.48E+03
HTP-c	CTUh	5.75E-06	8.64E-10	4.74E-09	0.00E+00	1.15E-10	6.80E-10	4.65E-11	-5.10E-09
HTP-nc	CTUh	1.85E-06	4.04E-08	3.76E-08	0.00E+00	6.75E-09	4.18E-08	3.06E-09	-1.55E-07
SQP	Dimensionless	3.64E+03	2.77E+01	1.75E+01	0.00E+00	1.05E+01	1.68E+00	7.59E+00	-2.87E+02

PM: Particulate matter emissions; **IRP:** Ionising radiation, human health; **ETP-fw:** Ecotoxicity (freshwater); **ETP-c:** Human toxicity, cancer effects; **HTP-nc:** Human toxicity, non-cancer effects; **SQP:** Land use related impacts / soil quality

Use of natural resources

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
RPEE	MJ	4.48E+02	1.53E+00	-1.97E+02	0.00E+00	1.62E-01	-3.38E+02	-1.63E+02	5.13E+00
RPEM	MJ	6.61E+02	0.00E+00	-1.96E+02	0.00E+00	0.00E+00	-3.54E+02	-1.12E+02	1.38E+02
TPE	MJ	1.11E+03	1.53E+00	-3.93E+02	0.00E+00	1.62E-01	-6.92E+02	-2.74E+02	1.43E+02
NRPE	MJ	1.07E+03	6.73E+01	3.68E+01	0.00E+00	1.05E+01	-5.08E+00	-2.27E+00	-1.54E+02
NRPM	MJ	1.09E+02	0.00E+00	-1.67E+01	0.00E+00	0.00E+00	-7.02E+01	-2.22E+01	2.43E+01
TRPE	MJ	1.18E+03	6.73E+01	2.01E+01	0.00E+00	1.05E+01	-7.52E+01	-2.44E+01	-1.30E+02
SM	kg	1.90E+01	3.61E-02	1.30E-02	0.00E+00	4.44E-03	7.88E-03	1.23E-03	4.69E-01
RSF	MJ	3.09E+02	4.02E-04	2.83E-04	0.00E+00	5.86E-05	5.57E-05	2.30E-05	-1.38E-03
NRSF	MJ	6.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W	m ³	1.97E+00	9.08E-03	9.06E-02	0.00E+00	1.42E-03	8.44E-03	-4.37E-02	-1.08E-01

RPEE: Renewable primary energy resources used as energy carrier; **RPEM:** Renewable primary energy resources used as raw materials; **TPE:** Total use of renewable primary energy resources; **NRPE:** Non-renewable primary energy resources used as energy carrier; **NRPM:** Non-renewable primary energy resources used as materials; **TRPE:** Total use of non-renewable primary energy resources; **SM:** Use of secondary materials; **RSF:** Use of renewable secondary fuels; **NRSF:** Use of non-renewable secondary fuels; **W:** Use of net fresh water

End of life – Waste

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
HW	kg	2.35E+00	1.04E-01	1.87E-01	0.00E+00	1.53E-02	1.72E-01	5.60E-03	-3.70E+00
NHW	kg	6.86E+01	2.59E+00	1.94E+01	0.00E+00	3.13E-01	2.12E+01	3.49E+01	-4.19E+01
RW	kg	6.50E-03	3.05E-05	7.93E-05	0.00E+00	2.89E-06	1.32E-05	8.08E-07	-8.37E-04

HW: Hazardous waste disposed; **NHW:** Non-hazardous waste disposed; **RW:** Radioactive waste disposed

End of life – Output flows

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
CR	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
MR	kg	0.00E+00	0.00E+00	6.19E+00	0.00E+00	0.00E+00	1.13E+01	0.00E+00	0.00E+00
MER	kg	3.02E+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	7.76E+00	0.00E+00	0.00E+00	4.96E+01	0.00E+00	0.00E+00
ETE	MJ	0.00E+00	0.00E+00	1.07E+01	0.00E+00	0.00E+00	6.83E+01	0.00E+00	0.00E+00

CR: Components for reuse; **MR:** Materials for recycling; **MER:** Materials for energy recovery; **EEE:** Exported electric energy; **ETE:** Exported thermal energy

Information describing biogenic carbon content at factory gate

Biogenic carbon content	Value	Unit
Biogenic carbon content in product	20.08	kg C
Biogenic carbon content in the accompanying packaging	4.42	kg C

Specific data (GWP-GHG) and data variation for A1-A3

Specific data and data variation	Value-%
Specific data	68.77%
Variation - product	-18,18%; 8,06%
Variation - site	-

The largest variations between the products are primarily caused by differences in the high-pressure laminate (HPL).

Hazardous substances

- ☒ The product does not contain any REACH SVHC substances in amounts greater than 0.1 %.

Contact information

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Bibliography

ISO 14020:2000

Environmental labels and declarations – General principles

ISO 14025:2010

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 15804:2012+A2:2019/AC:2021

Sustainability of construction works - Environmental product declaration - Core rules for the product category of construction products

EN 15941:2024

Sustainability of construction works - Data quality for environmental assessment of products and construction work - Selection and use of data

EPD Square PCR v.1.0, 2024

EPD Square, General Programme Instructions v.1, 2024

Ecoinvent database v3.10.1/v3.11 (2024) and One Click LCA database

EPD Hinges ARGE – The European Federation of Locks and Building Hardware Manufacturers, EPD-ARG-20230541-IBG1-EN

EPD FENIX® Bloom 0.7mm, Arpa Industriale S.p.A., S-P-07656

Kronodesign® Melamine Faced Medium Density Fibreboard (MF MDF), Kronospan Ltd., EPD HUB, HUB-1161

EPD EGGER Schichtstoff Fritz EGGER GmbH & Co. OG Holzwerkstoffe, EPD-EGG-20210049-IBC1-DE

EPD Thin High Pressure Laminates-Less than 2.0mm, S-P-09220 EPD

EPD POLYREY HPL®, POLYREY SAS, EPD-WIL-20240581-IBA1-EN

Annex

Environmental impacts – EN 15804+A1, CML/ISO 21930

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP	kg CO ₂ eq.	5.12E+01	4.77E+00	3.98E+00	0.00E+00	6.89E-01	8.22E-01	7.30E-01	-8.80E+00
ODP	kg CFC-11 eq.	3.42E-06	8.31E-08	7.05E-05	0.00E+00	1.25E-08	4.59E-09	3.47E-09	-2.04E-07
AP	kg SO ₂ eq.	1.42E-01	8.11E-03	1.02E-02	0.00E+00	1.33E-03	2.85E-03	9.06E-04	-5.24E-02
EP	kg PO ₄ eq.	3.37E-01	2.19E-03	1.51E-01	0.00E+00	3.46E-04	9.81E-04	4.86E-04	-1.16E-02
POCP	kg C ₂ H ₄ eq.	1.53E-02	8.18E-04	1.11E-03	0.00E+00	1.33E-04	2.19E-04	1.92E-04	-3.49E-03
ADP-M&M	kg Sb eq.	3.12E-04	2.22E-05	1.95E-05	0.00E+00	2.02E-06	2.14E-06	3.47E-07	-3.28E-04
ADP-fossil	MJ	8.87E+02	6.53E+01	4.83E+01	0.00E+00	1.03E+01	4.00E+00	3.44E+00	-9.68E+01

Environmental impacts – GWP-GHG

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP - GHG	kg CO ₂ eq.	6.70E+01	4.79E+00	3.39E+00	0.00E+00	6.94E-01	8.24E-01	1.81E-01	-8.82E+00

GWP- GHG: Global Warming Potential, greenhouse gases