Environmental Product Declaration

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

PLYWOOD PANELS:

laudio pine, laudio deco, laudio LVL

From ***GRUPO GARNICA PLYWOOD, S.A.U.***

Programme:	The International EPD® System, www.environdec.com
Programme operator:	EPD International AB
EPD registration number:	S-P-00531
Publication date:	2017-05-11
Revision date:	2023-10-05
Valid until:	2028-02-01

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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CEN standard EN 15804 serves as the Core Product Category Rules (PCR)
Product category rules (PCR): PCR 2019:14 Construction products (EN 15804:A2) Version 1.24
PCR review was conducted by: PCR review was conducted by: The Technical Committee of the International EPD®System. See www.environdec.com/TCfor a list of members. Review chair: Claudia A. Peña, University of Concepción, Chile. The review panel may be contacted via the Secretariat www.environdec.com/contact.
Independent third-party verification of the declaration and data, according to ISO 14025:2006: ☒ External ☐ Internal Covering ☐ EPD process certification ☒ EPD verification
Third party verifier: Tecnalia R&I Certificacion, SL Auditor: Eva Larzabal info@tecnaliacertificacion.com Accredited by: ENAC nº125/C-PR283 accreditation.
Procedure for follow-up of data during EPD validity involves third party verifier: ☒ Yes ☐ No

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

EPDs within the same product category but registered in different EPD programmes, or not compliant with EN 15804, may not be comparable. For two EPDs to be comparable, they must be based on the same PCR (including the same version number) or be based on fully-aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have equivalent system boundaries and descriptions of data; apply equivalent data quality requirements, methods of data collection, and allocation methods; apply identical cut-off rules and impact assessment methods (including the same version of characterisation factors); have equivalent content declarations; and be valid at the time of comparison. For further information about comparability, see EN 15804 and ISO 14025.

Company information

Owner of the EPD: **GRUPO GARNICA PLYWOOD, S.A.U.**
Description of the organisation:

MADERAS DE LLODIO, S.A.U. is a company belonging to the **GRUPO GARNICA PLYWOOD, S.A.U.** The company is devoted to the design and manufacturing of technical plywood panels, focused on both domestic and international industrial trade.

The production site of Maderas de Llodio is located in Llodio and has more than 30 years of experience within this sector. It is the only European manufacturer of plywood panels made by radiata pine, classified within the “softwood segment”.

With its background of success and expertise, the Company carries out the design and production of plywood panels in diverse formats and sizes. Finish qualities go from uncovered to film-coating faces and special specifications can be developed depending on customer needs. Our main raw material is radiata pine, available in a radius of 50 to 100 Km. from our facilities. The majority of this wood, used for Maderas de Llodio products, comes from sustainably managed forests with PEFC certification.

The plywood panel production complies with UNE EN 13986 regulations and the gluing has an outdoor resistance class of 3 according to UNE EN 314-2 standards. The Company counts with different and relevant certifications, such as:

- PEFC Certification
- FSC® Certification
- CE
- CE2+

Name and location of production site(s):
MADERAS DE LLODIO, S.A.
Poligono Industrial, Santa Cruz Bidea, 1,
01400 Laudio, Álava (Spain)

Contact:
Email: quality@garnica.one
More information: https://www.garnica.one/

Product information

Product name: This EPD covers the plywood panels of the following product range:

- Laudio pine
- Laudio deco
- Laudio LVL

Product description: This EPD covers the life-cycle analysis of a range of plywood panels. The plywood panels are produced from radiata pine wood veneers, longitudinal and transversally combined boards, glued and bonded by heat and pressure.

Laudio pine: is a panel with uncoated faces. Different finishes qualify this range of products for applications such as floors, mezzanine floors, walls, roof covers, industrial vehicle structures, laminated panels, linings, special packaging, etc. Certificates available: FSC®, PEFC, CE, CE2+

Laudio pine

Laudio deco: is a panel with uncoated faces. The selected faces, the marked grain, and the characteristic edges of the pine make it a product of great beauty. Ideal for decoration. Certificates available: FSC®, PEFC, CE, CE2+

Laudio deco

Laudio LVL: is a panel with uncoated faces and unidirectional plates. Thanks to its excellent physical and mechanical properties it is ideal both for door and window frames or scaffolding window frames or scaffolding platforms, as well as for furniture and decorative furniture and furnishing applications due to its attractive pine edges. Certificates available: FSC®, PEFC, CE, CE2+

Laudio LVL

Technical Features	Laudio pine	Laudio deco	Laudio LVL	Standard
Density [kg/m^3]	507-608 (550)	507-608 (550)	507-608 (550)	EN 323
Modulus of elasticity [N/mm2]	4414-6110	4414-6110	14168	EN 789-1058
Connector holding [N/mm2]	33,1-28,22	33,1-28,22	510	EN 13446
Moisture content [%]	6,8-13,1	6,8-13,1	6,8-13,1	EN 322

UN CPC code: CPC 314 BOARDS AND PANELS.

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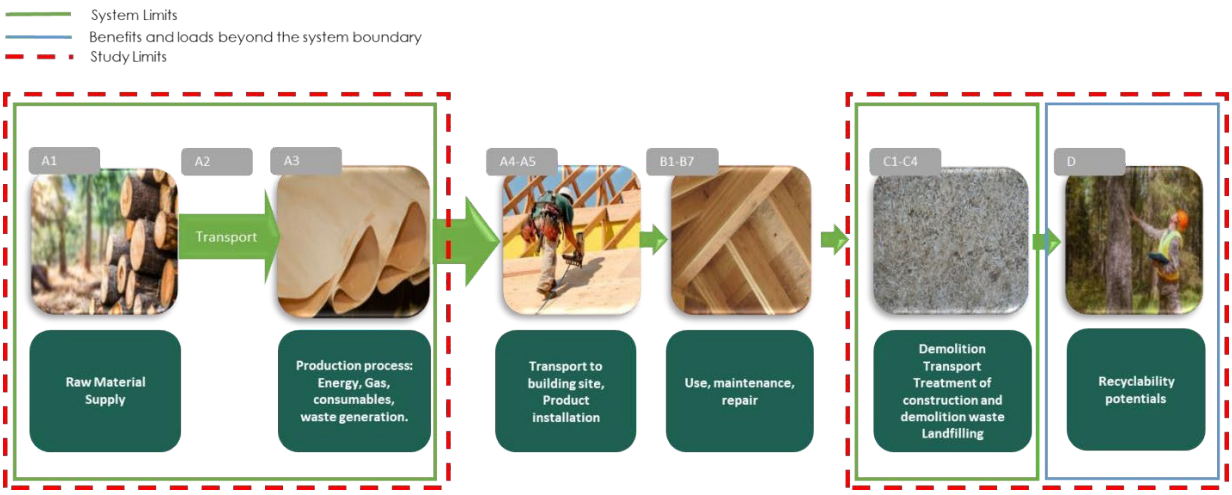
LCA information

Declared unit: The declared unit is the baseline reference for which all information is collected. In this study, the declared unit is **"1 m^3 of plywood panel"**. The results for the laudio pine range are declared, as it is the worst case.
Reference service life: Not relevant for this EPD.
Geographical scope: The geographical scope of this EPD is global.
Time representativeness: The data collected from the factory (primary data) and electricity mix are from 2021/01/01 to 2021/12/31. In this study, no datasets older than 10 years were used.
Database(s) and LCA software used: All the data used to model the process and obtain the Life Cycle Inventory are specific and have been obtained by measurements made during the period from 2021/01/01 to 2021/12/31. They are representative of the different processes implemented during the manufacturing process. The data has been measured directly at the company's own premises. In addition, the most complete and highest quality European life cycle inventory database, Ecoinvent 3.8, has been used, as this database contains the most extensive and updated information and its scope coincides with the geographical, technological and temporal area of the project. The LCA was modelled with Simapro 9.3.0.3.

Description of system boundaries: According to the standard UNE-EN 15804_2012+A2_2020 (MARCH 2020) and PCR 2019:14 CONSTRUCTION PRODUCTS (version 1.24) the system boundary is cradle to gate with modules C1–C4 and module D (A1–A3 + C + D). The life cycle stages A4-A5, B1-B7 were excluded from the LCA study.

System diagram:



Manufacturing process:
The manufacturing process is as follows:

Process 1. Raw Materials The main raw materials needed to produce our panels are wood, coating films, glue, patching mastic, and sealants.

Process 2. Debarking Logs. Logs are introduced into the log debarking to remove bark and impurities. Part of this bark is sold as a co-product for a variety of uses such as gardening. The surplus is used directly as fuel.

Process 3. Log Preconditioning Round wood is stuck in the boilers to get it softened and plasticity by water saturation. The result is energy saving when cutting, better peeling quality, and subsequent improvement in the drying process.

Process 4. Cross-Cutting The log is cut and areas of deviations detected from logging are removed. Surpluses are sent to a chipping area. The resulting wood-chip amount is sent as a co-product for chipboard manufacture or to the pulp paper industry, among other uses.

Process 5. Veneer peeling The trunk rotates around the peeling axis while the blade cuts it in parallel to the module axis. The veneer comes out unrolled and is cut to size with a shear. Veneers with a large number of defects or those whose measures do not meet standards are sent for woodchip manufacture, together with residual wood resulting from the log rounding. Sheets suitable for plywood panel manufacture are classified and stacked. The central part of the cylinder-rolling is the cylindrical logs. Our co-products are obtained throughout this process: chips and cylindrical logs. If the woodchip passes the screening, is stored straight away. The refused one is used as fuel. Cylindrical logs come from the log central part and are suitable for posts, billboards, fences, etc.

Process 6. Veneer Drying The sheets previously stored is now introduced into a roller track dryer. And they are re-classified depending on the grades of humidity and defects. This phase identifies the most suitable sheets for each part of the panel.

Process 7. Composing During this process, veneers get assembled and glued in other dimensions in such a way that we obtain panels with the qualities and sizes required. These combinations can be made crosswise as well as in a longitudinal direction to the wood grain.

Process 8. Gluing Line This process takes place in two different gluing machines. One for sizes and special requirements according to customer needs and the other one for standard production.

Process 9. Pre-Pressing Once a board packet has been completed in any of the gluing machines, they move on to the pre-press where, without applying heat, they are pre-pressed in order to strengthen the sheets assembly through direct contact with the adhesive. After this step, panels can be handled already.

Process 10. Hot Pressing The panel already pre-pressed is now sent to the presses combining the same time heat and pressure, glue polymerizes providing the final gluing touch to panels. The boiler heats the oil thermic fluid which feeds the presses.

Process 11. Mechanical Trimming At this stage, panels are cleaned all over their edges. LAUDIO PLY boards are cut in specific sizes. The oversize goes to be used as fuel.

Process 12. Patching Panels, that require reparations to increase or recover their quality, are moved to the reparation line where defects will be removed by applying a filler product.

Process 13: Sanding In this process, panels get the thickness desired. In addition to that, it is applied a roughness finish on one face and the surplus is sent to the mill to be used in the boiler.

Process 17. Packing Once completed, the product is packed to be sent to the customer.

Author of the Life Cycle Assessment:
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48970 Basauri, Bizkaia (Spain)

Data quality
The environmental impact of the linear drainages has been calculated. It is based on the international standards established for the development of environmental product declarations, such as ISO 14025 for the preparation of the environmental product declaration, ISO 14040 and ISO 14044 for the preparation of the life cycle analysis, UNE-EN 15804:2012+A2:2020 (MARCH 2020) and the Product Category Rules PCR - "2019:14 Construction products " (Version 1.24).

Data has been collected from 2021/01/01 to 2021/01/31 and is representative of that year. Data for raw material supply, transport to the fabrication plant, and production (A1-A3) is based on specific consumption data for the factory at Llodio. Generic background datasets were used for the downstream processes. SimaPro v9.3.0.3. the software was used to prepare the life cycle analysis together with the Ecoinvent 3.8 database. Characterization factors from EN15804: 2012 + A2:2019. The geographical coverage is global. Technological coverage is typical or average.

Assumptions
The modularity principle, as well as the polluter-payer principle, have been followed. The following assumptions have been made in this EPD:

- ✓ It does not include the manufacturing processes of the capital goods or spare parts and/or maintenance with a life of more than three years.
- ✓ The environmental impact of infrastructure for general management, office, and headquarters operations is not included.
- ✓ The impact caused by people (common activities, travel for work...) will not be considered.
- ✓ It does not include the consumption of natural gas for sanitary hot water from showers and heating systems for the comfort of people.
- ✓ The processes associated with fuel production are intrinsically included in the indicators in ECOINVENT's database used in carrying out the LCA.
- ✓ The environmental impact of external transport has been calculated using lorries from the ECOINVENT 3.8 database, EURO 5. These lorries have been selected to reflect the most realistic scenario possible.

Cut-off rules
The standard ISO 14025 and the PCR -"2019:14 CONSTRUCTION PRODUCTS" indicate that the life cycle inventory data should include a minimum of 95% of the total inputs (materials and energy) for each stage. This cut-off rule does not apply to hazardous materials and substances. No such cut-off criteria have been taken into account in this study.

Allocation

Throughout the production process, in addition to plywood, three co-products are produced: chips, cylindrical logs, and bark. This being the case, the allocation has been made based on economic criteria, according to the income obtained from the different products and co-products, given that the difference in economic income is high (over 25%).

Greenhous gas emissions from the use of electricity in the manufacturing phase

Specific electricity mix, medium voltage (direct emissions and losses in the grid) electricity is considered for the manufacturing process.

Electricity mix	Amount	Units
Specific electricity mix	5,08E-01	Kg CO2-eq/kWh

LCA Scenarios and additional technical information

Dismantling/demolition (module C1):

Since they are not products with a structural use, the energy consumption of this phase is considered not relevant.

Transport (module C2):

With a collection rate of 100%, the transports are carried out by lorry (EURO 5) over 50 km.

Waste processing (modules C3 and C4):

A recycling ratio of 43,53 %, an energy recovery ratio of 41,79 %, an incineration ratio of 13,78 %, and a landfilled ratio of 0,9% is considered in accordance with the publication of the H2020 project ”Absorbing the Potential of Wood Waste in EU Regions and Industrial Bio-based Ecosystems — BioReg” document ”D1.1 EUROPEAN WOOD WASTE STATISTICS REPORT FOR RECIPIENT AND MODEL REGIONS” for Europe. These percentages are representative of the areas where the product is marketed.

In module C3 the panel waste treatment (chipping) is considered. In module C4 the impact of the incineration process and the landfilling.

Recyclability potentials (module D):

Module D contains credits from the recycling and energy recovery of the boards in module C3. For the recycling process is considered that the board is collected and recycled for use in substitution of virgin wood chips. For energy recovery, use in substitution electricity and natural gas to produce heat.

LCA Scenarios for end of life

Processes	Per Declared unit	
Collection process specified by type	5,50E+00	Kg collected separately
	0,00E+00	Kg collected with mixed construction waste
Recovery system specified by type	0,00E+00	Kg for reuse
	2,39E+02	Kg for recycling
	2,30E+02	Kg for energy recovery
Disposal specified by type	8,07E+01	Kg for final disposal
Assumptions for scenario transportation	Lorry 16-32 metric tons, EURO5 Consumption: 0,03kg/km Distance:50 km	

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**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**X**	**X**	**X**	**X**	**X**
Geography	**EU**	**EU**	**EU**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**ND**	**GLO**	**GLO**	**GLO**	**GLO**	**GLO**
Specific data	>90%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – products	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation – sites	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-

ND: Not declared

Content information

Product components	Weight, kg	Per 1 m³ Post-consumer material, weight-%	Renewable material, weight-%
Wood	5,31E+02	0,00%	100,00%
Adhesives	1,93E+01	0,00%	0,00%
TOTAL	5,50E+02	0,00%	96,50%
Packaging materials	**Weight, kg**	**Weight-% (versus the product)**	
film	2,13E-04	0,00%	
Cardboard	2,02E-02	0,00%	
Strap	6,34E-01	0,12%	
Wood	1,49E+00	0,27%	

Packaging: The product is transported to the construction site packed with plastic film and cardboard, in pallets.

No substances included in the Candidate List of Substances of Very High Concern for authorization under REACH Regulations are present in the analyzed linear drainages manufactured by MADERAS DE LLODIO, either above the threshold for registration with the European Chemicals Agency or above 0,1% (wt/wt).

Environmental Information

Potential environmental impact – mandatory indicators according to EN 15804:

Results per declared unit							
Indicator	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-fossil	kg CO_2 eq.	3,63E+02	0,00E+00	4,57E+00	4,43E+00	7,38E-01	-3,29E+02
GWP-biogenic	kg CO_2 eq.	-8,83E+02	0,00E+00	1,83E-03	7,55E+02	1,30E+02	-8,18E-01
GWP-luluc	kg CO_2 eq.	5,17E+00	0,00E+00	1,79E-03	1,02E-02	2,56E-04	-3,82E-01
GWP-total	kg CO_2 eq.	-5,14E+02	0,00E+00	4,57E+00	7,59E+02	1,31E+02	-3,30E+02
ODP	kg CFC 11 eq.	4,43E-05	0,00E+00	1,06E-06	2,22E-07	9,62E-08	-3,74E-05
AP	mol H^+ eq.	2,22E+00	0,00E+00	1,85E-02	2,36E-02	2,38E-02	-8,85E-01
EP-freshwater	kg $PO_4^{\breve{}}$ eq.	1,26E-01	0,00E+00	9,84E-05	1,41E-03	3,95E-05	-4,34E-02
EP-freshwater	kg P eq.	4,09E-02	0,00E+00	3,20E-05	4,59E-04	1,29E-05	-1,41E-02
EP-marine	kg N eq.	7,79E-01	0,00E+00	5,53E-03	3,21E-03	1,13E-02	-1,34E-01
EP-terrestrial	mol N eq.	7,96E+00	0,00E+00	6,11E-02	3,67E-02	1,28E-01	-1,51E+00
POCP	kg NMVOC eq.	2,05E+00	0,00E+00	1,87E-02	1,03E-02	3,35E-02	-4,72E-01
ADP-minerals&metals*	kg Sb eq.	1,47E-03	0,00E+00	1,59E-05	1,22E-05	2,66E-06	-1,22E-03
ADP-fossil*	MJ	7,63E+03	0,00E+00	6,91E+01	9,23E+01	8,23E+00	-6,13E+03
WDP	m^3 deprive	2,74E+02	0,00E+00	2,07E-01	1,07E+00	2,26E-01	-4,12E+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 of these results are high or as there is limited experience with the indicator.*

Potential environmental impact – additional mandatory and voluntary indicators

Results per declared unit						
Indicator	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
GWP-GHG[1]	3,68E+02	0,00E+00	4,56E+00	4,46E+00	1,17E+00	-3,30E+02

Use of resources

Results per declared unit							
Indicator	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
PERE	MJ	3,90E+02	0,00E+00	9,74E-01	1,62E+01	3,68E-01	-2,00E+03
PERM	MJ	2,49E+04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	MJ	2,53E+04	0,00E+00	9,74E-01	1,62E+01	3,68E-01	-2,00E+03
PENRE	MJ	6,01E+03	0,00E+00	6,91E+01	9,22E+01	8,23E+00	-6,13E+03
PENRM	MJ.	1,63E+03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	MJ	7,64E+03	0,00E+00	6,91E+01	9,22E+01	8,23E+00	-6,13E+03
SM	kg	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
NRSF	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	m^3	6,25E+00	0,00E+00	7,70E-03	7,89E-02	3,85E-02	-2,44E+00

[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 equal to the GWP indicator originally defined in EN 15804:2012+A1:2013.

Waste production

Results per declared unit							
Indicator	**Unit**	**A1-A3**	**C1**	**C2**	**C3**	**C4**	**D**
Hazardous waste disposed	kg	7,71E-01	0,00E+00	1,80E-04	4,29E-05	2,19E-05	-6,60E-03
Non-hazardous waste disposed	kg	5,92E+01	0,00E+00	3,56E+00	5,60E-01	5,77E+00	-1,30E+01
Radioactive waste disposed	kg	3,13E-02	0,00E+00	4,67E-04	6,70E-04	2,38E-05	-2,19E-02

Output flows

Results per declared unit							
Indicator	**Unit**	**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
Material for recycling	kg	3,69E+00	0,00E+00	0,00E+00	2,39E+02	0,00E+00	0,00E+00
Materials for energy recovery	kg	0,00E+00	0,00E+00	0,00E+00	2,30E+02	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	1,08E+03
Exported energy, thermal	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	2,77E+03

Information on biogenic carbon content

Results per declared unit		
BIOGENIC CARBON CONTENT	**Unit**	**QUANTITY**
Biogenic carbon content in product	kg C	2,21E+02
Biogenic carbon content in packaging	kg C	9,36E-01

Note: 1 kg biogenic carbon is equivalent to 44/12 kg CO_2.

Additional information

The technical datasheet and the safety datasheet can be found in the following webpage:

https://www.garnica.one/tableros-contrachapado/gama/laudio/

Information related to Sector EPD

This is an individual EPD®

Differences versus previous versions

This is the update of the EPD® registration number S-P-00531 LAUDIO FORM/CAR & LAUDIO PLY PLYWOOD PANELS. In this EPD, the trade names and the inventory have been updated, as well as meeting the requirements of EN 15804:2012+A2:2019 and GPI 4.0. Calculated with simapro 9.3.0.3 and Ecoinvent 3.8.

2023-10-02: Correction in the uptake and emission of biogenic CO_2 balance.

References

- General Programme Instruction of the International EPD®System. Version 4.0.
- 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.
- PCR 2019:14 Construction products (EN 15804: A2) version 1.2.4
- EN 15804:2012+A2:2019 Sustainability of construction works-Environmental Product Declarations-Core rules for the product category of construction products

VERIFICATION STATEMENT CERTIFICATE

CERTIFICADO DE DECLARACIÓN DE VERIFICACIÓN

Certificate No. / Certificado nº: EPD00303

TECNALIA R&I CERTIFICACION S.L., confirms that independent third-party verification has been conducted of the Environmental Product Declaration (EPD) on behalf of:
TECNALIA *R&I CERTIFICACION S.L., confirma que se ha realizado verificación de tercera parte independiente de la Declaración Ambiental de Producto (DAP) en nombre de:*

GRUPO GARNICA PLYWOOD, S.A.U.
Parque San Miguel 10 Bajo
26007 LOGROÑO (La Rioja) - SPAIN

for the following product(s):
para el siguiente(s) producto(s):

PLYWOOD PANELS: LAUDIO PINE, LAUDIO DECO and LAUDIO LVL.
TABLEROS CONTRACHAPADOS: LAUDIO PINE, LAUDIO DECO y LAUDIO LVL.

with registration number **S-P-00531** in the International EPD® System *(www.environdec.com).*
*con número de registro **S-P-00531** en el Sistema International EPD® (www.environdec.com).*

it´s in conformity with:
es conforme con:

- **ISO 14025:2010 Environmental labels and declarations. Type III environmental declarations.**
- **General Programme Instructions for the International EPD® System v.4.0.**
- **PCR 2019:14 Construction products (EN 15804:A2) v.1.2.4.**
- **CPC 314 Boards and panels.**

Issued date / *Fecha de emisión:*	11/05/2017
Update date / *Fecha de actualización:*	02/02/2023
Valid until / *Válido hasta:*	01/02/2028
Serial Nº / *Nº Serie:*	EPD0030302-E

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