

Building Green Copenhagen – Extended Sustainability Document

This form is intended for exhibitors with physical products and solutions within the sustainable construction sector.

<p>The document is divided into two categories that you must respond to.</p> <p>1. Company level</p> <p>2. Product level</p> <p>(To answer the following, it may be helpful to involve your production manager, environmental/sustainability manager, CSR/HR manager, etc.)</p> <p>The document will be used to visually present your company and product/service profile at the event. Your complete responses will be made available to conference participants via QR code and download.</p>	
<p>General information</p>	
Company name	CLT PROFI
Contact person	Vita Popova
Name of product/solution	Cross laminated timber
Short description of product/solution	<p>Cross-Laminated Timber (CLT) is a sustainable, high-performance engineered wood product made by gluing layers of solid-sawn lumber at right angles. This crosswise arrangement provides exceptional strength, dimensional stability, and rigidity. CLT panels are widely used in walls, floors, and roofs, offering an eco-friendly alternative to concrete and steel with excellent fire resistance, acoustic performance, and reduced carbon footprint.</p>
<p><u>1. Company level</u></p>	
<p>Are you ISO14001 certified? If yes – insert a link to the certificate.</p> <p>Please show/attach your policies regarding: Environment, CSR, Energy, Sustainability, Procurement</p> <p>Please insert links to: Code of Conduct UN Global Compact CSRD report (or alternatively voluntary environmental report, climate report according to GHG protocol)</p>	<p>YES- in attachments</p>

BUILDING GREEN

<u>2. Product level</u>	
2a. Production	
Where in the world is your product/its components manufactured?	Latvia
Are any or all of your raw materials/components recycled or surplus materials from other productions/activities? If partially: What proportion is recycled or surplus material?	Our CLT panels are produced from sustainably sourced solid wood, not recycled materials. Our timber stores a significant amount of carbon, which we continue to preserve by manufacturing durable CLT elements for long-lasting construction. Our production process follows a zero-waste principle, as all by-products such as chips, sawdust, and offcuts are fully utilized in other processes (e.g., bioenergy or wood-based products)
Do you produce using renewable energy? Do you generate it yourself or purchase credits?	Our production facility uses 70% of its electricity from solar panels. We are also exploring the possibility of starting to selling our carbon credits with other manufacturers; however, this project has not yet been fully implemented.
Does your product contain electrical or electronic components? And where are they produced?	No
Biodiversity – how do you manage biodiversity at and around your production site(s)?	At our production site, we actively manage and protect local biodiversity by maintaining green areas and native vegetation around the facility. We ensure that raw material sourcing is from sustainably managed forests, supporting the preservation of forest ecosystems and wildlife habitats. Additionally, we monitor and minimize any potential impacts from our operations on local flora and fauna, promoting a balanced and healthy environment. (100%PEFC materialsuzsākt carbon Certificate)
Packaging – what type of packaging is used for your product? And in what quantities? (e.g., weight of packaging vs. product weight)	For packaging we use film made with 30% recycled materials. For 1 m ³ we use 1.5 kg of film, which makes up 0.3%
How much waste do you generate in your production? How is it measured? (percentage of production, quantity, etc.)	Our glue waste amounts to 2%, as it remains on the sides of the bags. Measured in mass balance for aproved LCA.

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<p>What do you do with waste or surplus materials from your production and activities? (e.g., surplus heat to district heating, food waste from canteen to biogas, workwear to new textiles)</p>	<p>We recycle the entire product : Big ofcuts sold to other builders – Recycle CLT. Fine ofcuts are used for factory heating or sold for briquettes. Packaging film waste is sent for recycling. Workwear is replaced and washed collectively by a service company, so no waste there.</p>
<p>Do you have off-take agreements for your waste? Who collects it and how is it processed?</p>	<p>Of course, Lautus Vide, Eco Baltia Vide.</p>
<p>Other relevant input for this section?</p>	<p>We operate a ‘Take Back Guarantee’ at the end of life, or in situations where a relatively new house is demolished and rebuilt. This means that we take back the panels, perform tests to ensure safety, sand the surfaces to achieve the required visual quality, and reuse them</p>
<p>2b. Resources – Raw Materials, Waste, Residual Fractions, Residual Packaging, Intake–Output, etc. (Consider your entire value chain, both upstream and downstream)</p>	
<p>Where do you source your raw materials, components, etc.? DK/Nordics/EU/BRICS/?</p>	<p>We source timber only locally – 90% from Latvia and 10% from Estonia – to reduce transport distances. The adhesive is supplied from Belgium. We purchase packaging materials from the Latvian manufacturer Multipack</p>
<p>What are the options for your product at end of life? And how do you handle it? (e.g., take-back programs, leasing models, product-as-a-service, or does it end up being crushed or incinerated?)</p>	<p>We operate a ‘Take Back Guarantee’ at the end of life, or in situations where a relatively new house is demolished and rebuilt. This means that we take back the panels, perform tests to ensure safety, sand the surfaces to achieve the required visual quality, and reuse them</p>
<p>Where does the waste from your production ultimately end up? (This refers to the <i>final</i> destination of the waste – not just the next step in the value chain, such as your waste management provider. For example, wires may end up in Pakistan where PVC is incinerated, and copper is recycled.)</p>	<p>Final destination- Incineration in the local area for heating. (Latvia)</p>
<p>Are there risks of child labor/forced labor/slavery in your value chain (both upstream and downstream), and how do you identify it? – If yes, how do you handle this?</p>	<p>No</p>

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<p>How are environmental and climate impacts managed in your value chain? Is there a risk of soil/air/groundwater/freshwater pollution in your value chain?</p>	No
<p>How do you manage subcontractors? (Policies, monitoring, audits, etc.)</p>	Audits, monitoring, certificates
<p>Other relevant input for this section?</p>	
<p>2c. Logistics and Transport</p>	
<p>How far do you transport incoming raw materials/components? And how? (Truck, train, plane – fossil, hydrogen or electric?)</p>	<p>Very close with EURO 6 diesel. Latvia 90 %, 10 % Estonia Belgium.</p>
<p>How far are your products typically transported? And how? (Truck, train, plane – fossil, hydrogen or electric?)</p>	<p>Closest EURO6 diesel trucks (Baltic, Scandinavia,) Trucks + Ferry. (Netherlands, Belgium) On cargo ships in containers. (Iceland)</p>
<p>How far is waste/spillage transported to its final destination? And how? (Truck, train, plane – fossil, hydrogen or electric?)</p>	<p>0</p>

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<p>How do you handle returns?</p> <p>Are they reused – fully or partially?</p>	<p>We don't have returns.</p>
<p>Other relevant input for this section?</p>	

Documentation of Environmental and Climate Impact

Please include links to:

LCA according to ISO14040/14044 including critical review/panel review

Product Evaluation and Information

Please include links to:

New CE marking according to updated construction product regulation (CPR)

Social LCA according to UN guidelines

Cradle To Cradle (C2C)

Digital Product Passport (DPP)

Environmental Product Declaration (EPD)

In Attachments

Product Environmental Footprint (PEF)

Forest Stewardship Council (FSC)

ISO 14001

In Attachments

Program for the Endorsement of Forest Certification (PEFC)

In Attachments

Nordic Swan Ecolabel

EU Ecolabel (Flower)

Other relevant certifications

Future Vision for Your Product/Solution

How do you plan to:

- Increase sustainability?
- Reduce emissions?

- **Introduce a Digital Product Passport;**
- **Start selling Carbon credits;**

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<ul style="list-style-type: none">- Better support biodiversity?- Improve quality of life in your value chain? <p>In 5 years? In 10 years?</p>	<ul style="list-style-type: none">- Increase the share of renewable energy (e.g., solar, biomass) in production - goal: 100% renewable energy.- Offer new mixed construction solutions in a market where CLT is a part.- Implement multiple electrical automations in the production facility.- Continue to significantly reduce installation costs, and instead automate solutions in production facilities.
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Kilder:

This form has been developed in collaboration with experts in the construction industry, based on: The Danish Marketing Act, Guidelines from the Consumer Ombudsman, The Green Claims Directive, DDD – Due Diligence in the Value Chain, Construction Product Regulation (CE marking), UN's Guide on Social LCA, the Jysk/IKEA case, EMF Vol 1

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BUILDING GREEN

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BUILDING GREEN

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CERTIFICATE OF CONSTANCY OF PERFORMANCE

Notified Body No. 2358

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product(s)

Cross Timber Systems - CLT

Scope of certificate: Solid wood slab elements to be used as structural elements in buildings

Placed on the market under the name or trade mark of

Cross Timber Systems SIA

and produced in the manufacturing plant at the below address
Aviācijas iela 18, Jelgava, LV-3004, Latvia

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in the

ETA 15/0906, issued on 24/02/2016

and

EAD 130005-00-0304

under system 1 (or 1+) for the performance set out in the ETA are applied and that the factory production control conducted by the manufacturer is assessed to ensure the **constancy of performance of the construction product.**

This certificate was first issued on January 23, 2017 and will remain valid as long as neither the ETA, the EAD, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



EN ISO/IEC 17065
S1-439

Certificate number:

2358-CPR-0397

Date of initial certification:

January 23, 2017

Date of last issue:

October 17, 2024

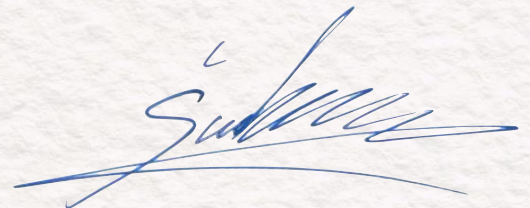
Certificate expiry date:

October 16, 2027

Jānis Švirksts

Member of the board

BM Certification

A handwritten signature in blue ink, appearing to read 'Jānis Švirksts', with a horizontal line underneath.



EcoReview
Part of the solution.

Environmental Product Declaration
Type III Declaration according to
ISO 14025 and EN 15804+A2 &
NMD Assessment Method 1.2



Environmental Product Declaration

According to ISO 14025:2010 and EN 15804+A2



Product Declaration	Cross Laminated Timber	LCA study by	EcoReview B.V.
Unit (DU or FU)	1 m ³ (for 60-260 mm thick)	Calculation number	2025.024.
Declared by	SIA CLT Profi	Issue Date	28-03-2025
Owner of Declaration	SIA CLT Profi	Expiry Date	28-03-2030
Verifier	Ecochain		

General Information

Owner of Declaration

Name	SIA CLT Profi
Street	Aviacijas Lela 18
Postal Code	LV-3004
City	Jelgava
Contact	Andris Dlohi



Declaration for

Calculation Number	2025.024.
Issue Date	28-03-2025
Expiry Date	28-03-2030
Product	Cross Laminated Timber
Declared / Functional Unit	1 m ³ (for products 60-260 mm thick)
Reference Service Life	100 years
Scalable product	n.a.
Geographical Representation	Produced (A1-D) at CLT Profi, Jelgava, Aviacijas Lela 18.
Product Description	Cross Laminated Timber (CLT) is an engineered wood product used during the construction of buildings. It can be applied as flooring, roofing and walls, among other things

Declaration Information

This Type III Environmental Product Declaration is in accordance with ISO 14025:2006 and EN 15804+A2. This certificate is based on an LCA-dossier developed according to ISO14025:2006, ISO14040 and EN15804+A2 and the NMD Assessment Method 1.2. EPD of construction products may not be comparable if they do not comply with EN15804+A2 and the NMD Assessment Method 1.2. Substances of Very High Concern (SVHC) that are listed on the 'Candidate List of Substances of Very High Concern for authorization' are declared when contents exceed the limits for registration with ECHA.

This LCA study was conducted by: Stijn Mulder, EcoReview B.V.

Demonstration of Verification

Statement	CEN standard EN15804 serves as the core PCR. Verification of the claim and data was carried out independently according to ISO 14025:2010
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Verifier	External
Name	Lex Roes, Ecochain
Signature	

LCA Information

LCA Standard	ISO 14040:2006
Product Category Rules (PCR)	EN 15804+A2 + NMD Assessment Method 1.2
Additional PCR	n.a.
Standard Database	Ecoinvent 3.6 + NMD 3.9
LCA Software	SimaPro 10.1.0.3
Year of Data Collection	2023

Environmental Product Declaration

Type III environmental declaration according to ISO 14025:2010 and EN 15804+A2 & NMD Assessment Method 1.2



Scope of Declaration

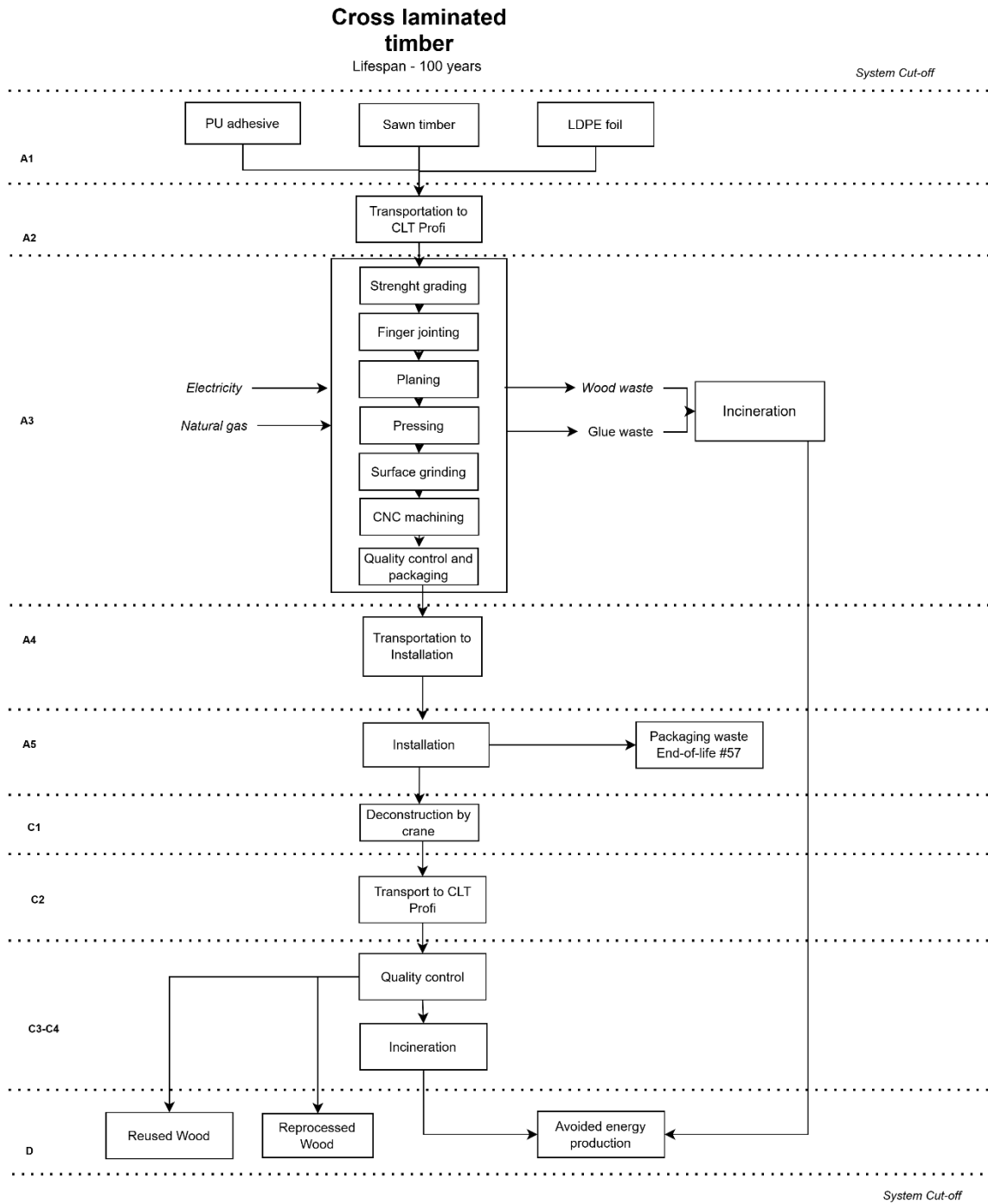
Lifecycle Stage	Module	Declared	Description
Production stage	A1	X	Raw Material supply
	A2	X	Transport
	A3	X	Manufacturing
Construction stage	A4	X	Transport
	A4	X	Installation
Use stage	B1	MND	Use
	B2	MND	Maintenance
	B3	MND	Repair
	B4	MND	Replacement
	B5	MND	Refurbishment
	B6	MND	Operational Energy Use
	B7	MND	Operational Water Use
End-of-Life stage	C1	X	Deconstruction
	C2	X	Transport
	C3	X	Waste Processing
	C4	X	Disposal
Benefits and loads beyond the system boundaries	D	X	Reuse, Recycle, Recycling potential

X = Module Declared

MND = Module Not Declared



Process Diagram



Detailed Product Description

General Product Information

Cross Laminated Timber (CLT) is an engineered wood product used during the construction of buildings. It can be applied as flooring, roofing and walls, among other things. It consists of several layers of solid sawn lumber placed on top of each other in perpendicular direction. These layers are glued and pressed together to create a higher structural rigidity compared to normal wooden panels. Usually, the outer layers are in the same direction but there are configurations with an even number of layers. The product is manufactured by CLT Profi in Jelgava, Latvia.

Components (> 1%)

The division of components described below is intended to enable users of this EPD to understand the composition of the product for safe and effective installation, use and disposal of the product.

Component	Mass %
Wood	99,72%
Adhesive	0,28%

Example Image



Figure: Representation of product..



Results EN15804+A1

Set 1	Unit	A1	A2	A3	A1-A3	A4	A5	B1-B5	C1	C2	C3	C4	D	A1-D
ECI	euro	10,70	2,04	-0,54	12,20	3,20	0,01	0,00	0,01	3,20	0,63	0,00	-11,39	7,85
ECI	euro	1,07E+01	2,04E+00	-5,41E-01	1,22E+01	3,20E+00	7,84E-03	0,00E+00	7,84E-03	3,20E+00	6,32E-01	0,00E+00	-1,14E+01	7,85E+00
Core Impact Indicators														
ADPE	kg Sb eq	1,49E-03	4,32E-04	4,74E-04	2,40E-03	5,03E-04	9,45E-07	0,00E+00	9,45E-07	5,03E-04	8,93E-06	0,00E+00	-2,21E-03	1,20E-03
ADPF	kg Sb eq	9,93E-01	1,25E-01	4,56E-02	1,16E+00	2,27E-01	6,34E-04	0,00E+00	6,34E-04	2,27E-01	1,35E-02	0,00E+00	-8,46E-01	7,85E-01
GWP	kg CO2 eq	7,37E+01	1,70E+01	9,79E+00	1,01E+02	3,10E+01	7,30E-02	0,00E+00	7,30E-02	3,10E+01	4,08E+00	0,00E+00	-8,21E+01	8,45E+01
ODP	kg CFC-11 eq	6,90E-06	3,02E-06	-3,80E-07	9,54E-06	5,78E-06	6,63E-09	0,00E+00	6,63E-09	5,78E-06	1,77E-07	0,00E+00	-8,76E-06	1,25E-05
POCP	kg C2H4	8,20E-02	1,03E-02	-1,33E-02	7,90E-02	2,10E-02	1,91E-05	0,00E+00	1,91E-05	2,10E-02	4,02E-03	0,00E+00	-8,10E-02	4,41E-02
AP	kg SO2 eq	3,69E-01	7,45E-02	-5,75E-02	3,86E-01	1,51E-01	1,70E-04	0,00E+00	1,70E-04	1,51E-01	2,55E-02	0,00E+00	-4,25E-01	2,88E-01
EP	kg PO4--- eq	9,95E-02	1,46E-02	-4,21E-02	7,20E-02	2,05E-02	2,23E-05	0,00E+00	2,23E-05	2,05E-02	5,98E-03	0,00E+00	-9,65E-02	2,27E-02
Toxicity Indicators for Dutch Market														
HTP	kg 1,4-DB eq	4,48E+01	7,11E+00	-4,79E+00	4,71E+01	7,69E+00	3,24E-02	0,00E+00	3,24E-02	7,69E+00	2,75E+00	0,00E+00	-4,54E+01	1,99E+01
FAETP	kg 1,4-DB eq	1,35E+00	2,08E-01	1,63E-02	1,57E+00	2,80E-01	5,11E-04	0,00E+00	5,11E-04	2,80E-01	1,13E-01	0,00E+00	-1,32E+00	9,25E-01
MAETP	kg 1,4-DB eq	2,20E+03	7,47E+02	3,25E+02	3,27E+03	8,14E+02	1,74E+00	0,00E+00	1,74E+00	8,14E+02	1,12E+02	0,00E+00	-2,70E+03	2,32E+03
TETP	kg 1,4-DB eq	4,54E-01	2,52E-02	-7,37E-02	4,05E-01	3,89E-02	1,12E-03	0,00E+00	1,12E-03	3,89E-02	5,05E-03	0,00E+00	-3,65E-01	1,25E-01

ECI = Environmental Cost Indicator (Milieukosten Indicator (MKI) in Dutch); ADPE = Abiotic depletion potential for non-fossil resources; ADPF = Abiotic depletion potential for fossil resources; GWP = Global warming potential; ODP = Depletion potential of the stratospheric ozone layer; POCP = Formation potential of tropospheric ozone photochemical oxidants; AP = Acidification potential of land and water; EP = Eutrophication potential; HTP = Human toxicity potential; FAETP = Freshwater aquatic ecotoxicity potential; MAETP = Marine aquatic ecotoxicity potential; TETP = Terrestrial ecotoxicity potential; ECI = Environmental Costs Indicator; ADPF = Abiotic depletion potential for fossil resources

Environmental Product Declaration

Type III environmental declaration according to ISO 14025:2010 and EN 15804+A2 & NMD Assessment Method 1.2



Results EN15804+A2

Set 2	Unit	A1	A2	A3	A1-A3	A4	A5	B1-B5	C1	C2	C3	C4	D	A1-D
ECI	euro	-113,38	3,50	24,76	-85,13	5,75	0,01	0,00	0,01	5,75	17,27	0,00	69,95	13,61
ECI	euro	-1,13E+02	3,50E+00	2,48E+01	-8,51E+01	5,75E+00	1,10E-02	0,00E+00	1,10E-02	5,75E+00	1,73E+01	0,00E+00	6,99E+01	1,36E+01
GWP-Total	kg CO2 eq	-1,16E+03	1,71E+01	2,36E+02	-9,02E+02	3,12E+01	7,42E-02	0,00E+00	7,42E-02	3,12E+01	1,42E+02	0,00E+00	7,78E+02	8,10E+01
GWP-f	kg CO2 eq	7,51E+01	1,71E+01	9,78E+00	1,02E+02	3,12E+01	7,41E-02	0,00E+00	7,41E-02	3,12E+01	4,12E+00	0,00E+00	-8,33E+01	8,53E+01
GWP-b	kg CO2 eq	-1,23E+03	7,91E-03	2,27E+02	-1,00E+03	1,27E-02	1,04E-04	0,00E+00	1,04E-04	1,27E-02	1,38E+02	0,00E+00	8,62E+02	-4,40E+00
GWP-luluc	kg CO2 eq	6,41E-01	6,25E-03	-7,71E-02	5,70E-01	9,10E-03	2,14E-05	0,00E+00	2,14E-05	9,10E-03	2,49E-03	0,00E+00	-5,12E-01	7,83E-02
ODP	kg CFC11 eq	8,36E-06	3,78E-06	-1,89E-07	1,20E-05	7,26E-06	7,07E-09	0,00E+00	7,07E-09	7,26E-06	1,81E-07	0,00E+00	-1,05E-05	1,62E-05
AP	mol H+ eq	4,79E-01	9,91E-02	-1,26E-01	4,52E-01	1,88E-01	2,08E-04	0,00E+00	2,08E-04	1,88E-01	3,62E-02	0,00E+00	-5,53E-01	3,12E-01
EP-fw	kg P eq	6,25E-03	1,72E-04	-3,99E-04	6,02E-03	2,09E-04	2,31E-06	0,00E+00	2,31E-06	2,09E-04	9,39E-05	0,00E+00	-5,31E-03	1,23E-03
EP-m	kg N eq	1,53E-01	3,49E-02	-4,41E-02	1,44E-01	4,48E-02	3,87E-05	0,00E+00	3,87E-05	4,48E-02	1,50E-02	0,00E+00	-1,69E-01	7,97E-02
EP-t	mol N eq	1,58E+00	3,85E-01	-9,09E-01	1,05E+00	5,01E-01	4,42E-04	0,00E+00	4,42E-04	5,01E-01	1,71E-01	0,00E+00	-1,83E+00	4,01E-01
POCP	kg NMVOC eq	5,62E-01	1,10E-01	-1,16E-01	5,56E-01	1,57E-01	1,31E-04	0,00E+00	1,31E-04	1,57E-01	4,45E-02	0,00E+00	-5,89E-01	3,25E-01
ADP-mm	kg Sb eq	1,49E-03	4,32E-04	4,74E-04	2,40E-03	5,03E-04	9,45E-07	0,00E+00	9,45E-07	5,03E-04	8,93E-06	0,00E+00	-2,21E-03	1,20E-03
ADP-f	MJ	2,11E+03	2,58E+02	9,18E+01	2,46E+03	4,77E+02	1,20E+00	0,00E+00	1,20E+00	4,77E+02	2,59E+01	0,00E+00	-1,76E+03	1,68E+03
WDP	m3 depriv.	4,47E+01	9,23E-01	4,61E+00	5,02E+01	1,92E+00	1,26E-02	0,00E+00	1,26E-02	1,92E+00	5,36E-01	0,00E+00	-3,30E+01	2,16E+01
PM	disease inc.	7,86E-06	1,53E-06	-2,49E-06	6,90E-06	2,05E-06	1,26E-09	0,00E+00	1,26E-09	2,05E-06	2,78E-07	0,00E+00	-1,25E-05	-1,23E-06
IR	kBq U-235 eq	6,75E+00	1,08E+00	5,81E-01	8,41E+00	2,05E+00	2,27E-03	0,00E+00	2,27E-03	2,05E+00	1,10E-01	0,00E+00	-6,18E+00	6,43E+00
ETP-fw	CTUe	2,40E+03	2,30E+02	-2,29E+03	3,32E+02	3,44E+02	1,26E+00	0,00E+00	1,26E+00	3,44E+02	5,37E+01	0,00E+00	-2,26E+03	-1,18E+03
HTP-c	CTUh	1,01E-07	7,44E-09	5,56E-07	6,65E-07	9,79E-09	9,77E-11	0,00E+00	9,77E-11	9,79E-09	3,49E-07	0,00E+00	-4,32E-07	6,02E-07
HTP-nc	CTUh	2,19E-06	2,51E-07	-6,60E-07	1,78E-06	2,78E-07	2,45E-09	0,00E+00	2,45E-09	2,78E-07	1,03E-07	0,00E+00	-2,08E-06	3,60E-07
SQP	Pt	1,43E+05	2,25E+02	-1,05E+04	1,32E+05	5,06E+02	1,05E-01	0,00E+00	1,05E-01	5,06E+02	6,10E+00	0,00E+00	-1,05E+05	2,79E+04

ECI = Environmental Cost Indicator (Milieukosten Indicator (MKI) in Dutch); GWP-total = Climate change; GWP-f = Climate change - Fossil; GWP-b = Climate change - Biogenic; GWP-luluc = Climate change - Land use and LU change; ODP = Ozone depletion; AP = Acidification; EP-fw = Eutrophication, freshwater; EP-m = Eutrophication, marine; EP-t = Eutrophication, terrestrial; POCP = Photochemical ozone formation; ADP-mm = Resource use, minerals and metals; ADP-f = Resource use, fossils; WDP = Water use; PM = Particulate matter; IR = Ionising radiation; ETP-fw = Ecotoxicity, freshwater; HTP-c = Human toxicity, cancer; HTP-nc = Human toxicity, non-cancer; SQP = Land use;

Environmental Product Declaration

Type III environmental declaration according to ISO 14025:2010 and EN 15804+A2 & NMD Assessment Method 1.2



Results Parameters

Parameter	Unit	A1	A2	A3	A1-A3	A4	A5	B1-B5	C1	C2	C3	C4	D	A1-D
Resource Use														
PERE	MJ	5,42E+03	0,00E+00	0,00E+00	5,42E+03	0,00E+00	3,30E-03	0,00E+00	3,30E-03	0,00E+00	0,00E+00	0,00E+00	-3,25E+03	2,17E+03
PERM	MJ	4,10E+03	0,00E+00	0,00E+00	4,10E+03	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-2,46E+03	1,64E+03
PERT	MJ	1,47E+04	3,23E+00	-1,96E+03	1,27E+04	4,75E+00	2,41E-02	0,00E+00	2,41E-02	4,75E+00	2,51E+00	0,00E+00	-1,22E+04	5,34E+02
PENRE	MJ	1,19E+03	0,00E+00	0,00E+00	1,19E+03	0,00E+00	1,09E+00	0,00E+00	1,09E+00	0,00E+00	0,00E+00	0,00E+00	-7,16E+02	4,80E+02
PENRM	MJ	1,81E+01	0,00E+00	0,00E+00	1,81E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-1,09E+01	7,25E+00
PENRT	MJ	2,09E+03	2,74E+02	9,86E+01	2,46E+03	5,06E+02	1,31E+00	0,00E+00	1,31E+00	5,06E+02	2,76E+01	0,00E+00	-1,79E+03	1,72E+03
PET	MJ	1,68E+04	2,78E+02	-1,86E+03	1,52E+04	5,11E+02	1,33E+00	0,00E+00	1,33E+00	5,11E+02	3,01E+01	0,00E+00	-1,40E+04	2,26E+03
SM	kg	2,45E-01	0,00E+00	0,00E+00	2,45E-01	0,00E+00	2,05E-05	0,00E+00	2,05E-05	0,00E+00	0,00E+00	0,00E+00	-1,47E-01	9,80E-02
RSF	MJ	1,64E-02	0,00E+00	0,00E+00	1,64E-02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	-9,83E-03	6,55E-03
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	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	m3	1,11E+00	3,14E-02	2,27E-01	1,37E+00	5,80E-02	4,29E-04	0,00E+00	4,29E-04	5,80E-02	5,52E-02	0,00E+00	-9,28E-01	6,14E-01
Waste Categories														
HWD	kg	1,43E+00	6,55E-04	2,99E-03	1,43E+00	1,12E-03	2,63E-06	0,00E+00	2,63E-06	1,12E-03	6,24E-05	0,00E+00	-8,62E-01	5,75E-01
NHWD	kg	2,54E+01	1,65E+01	-1,44E+00	4,04E+01	3,82E+01	5,18E-03	0,00E+00	5,18E-03	3,82E+01	9,08E-01	0,00E+00	-3,02E+01	8,76E+01
RWD	kg	1,96E-02	1,70E-03	2,95E-04	2,16E-02	3,24E-03	2,10E-06	0,00E+00	2,10E-06	3,24E-03	9,28E-05	0,00E+00	-1,43E-02	1,39E-02
Output Flows														
CRU	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	6,88E-05	0,00E+00	6,88E-05	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,38E-04
MER	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,00E-06	0,00E+00	4,00E-06	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,99E-06
EE-E	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,37E-04	0,00E+00	7,37E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,47E-03
EE-T	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,66E-04	0,00E+00	4,66E-04	0,00E+00	0,00E+00	0,00E+00	0,00E+00	9,33E-04

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]; PET = Total Energy [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 [m3]; HWD = Hazardous waste disposed [kg]; NHWD = Non-hazardous waste disposed [kg]; RWD = Radioactive waste disposed [kg]; CRU = Components for re-use [kg]; MFR = Materials for recycling [kg]; EIA = Materials for energy recovery [kg]; EE = Exported energy [MJ]

Environmental Product Declaration

Type III environmental declaration according to ISO 14025:2010 and EN 15804+A2 & NMD Assessment Method 1.2



Biogenic Carbon Content

In the table below, information describing the biogenic carbon content at factory gate (A1-D) is described.

Biogenic Carbon Content	Amount (in kg C)
Biogenic Carbon in Product	2,74E+02
Biogenic Carbon in Packaging	0,00E+00
Note: 1 kg biogenic carbon (C) is equivalent to 44/12 kg CO ₂	

If the mass of biogenic carbon containing materials in the product is less than 5% of the mass of the product, the declaration of biogenic carbon may be omitted (= 0 kg).

If the mass of biogenic carbon containing materials in the packaging is less than 5% of the mass of the product, the declaration of biogenic carbon may be omitted (= 0 kg).



References

CML - Department of Industrial Ecology, CML-IA Characterisation Factors, Dated August 2016, Leiden University, Leiden, Netherlands Available at: <https://www.universiteitleiden.nl/en/research/research-output/science/cml-ia-characterisation-factors>.

PRé Sustainability - Simapro 9.6.0.1

EN 15804: Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products', I.S. EN 15804:2012+A1:2013 and EN 15804:2019+A2.

ISO 14040: Environmental management - Life cycle assessment – Principles and Framework', International Organization for Standardization, ISO14040:2006.

ISO 14044: Environmental management - Life cycle assessment - Requirements and guidelines', International Organization for Standardization, ISO14044:2006.

ISO 14025: Environmental labels and declarations -- Type III environmental declarations -- Principles and procedures', International Organization for Standardization, ISO14025:2006.

NMD Environmental Performance Assessment Method for Buildings version 1.2 (December 2024)





BUREAU
VERITAS

Bureau Veritas Certification



EN ISO/IEC 17021-1
52-424

Certification

Awarded to

CROSS TIMBER SYSTEMS SIA

AVIĀCIJAS IELA 18, JELGAVA, LV-3004, LATVIA

Bureau Veritas Certification certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standard detailed below

STANDARD

ISO 14001:2015

SCOPE OF CERTIFICATION

PRODUCTION OF CROSS-LAMINATED TIMBER PANELS, PARTS AND COMPONENTS.

Original cycle start date:	30-11-2016
Expiry date of previous cycle:	29-11-2022
Certification/Recertification audit date:	10-10-2022
Certification/Recertification cycle start date:	30-11-2022
Subject to the continued satisfactory operation of the organisation's Management System, this certificate expires on:	29-11-2025

Certificate Number:	LV007955	Version:	1	Revision date:	11-11-2022
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Certification body address: Bureau Veritas Latvia SIA, Dunties street 17a, Riga, LV-1005, Latvia

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.

To check this certificate validity please call +371 67323246



Certificate SGSCH-PEFC-COC-120002

The Organization

SIA "Cross Timber Systems"

Aviacijas street 18, Jelgava, LV-3004, Latvia

has been assessed and certified as meeting the requirements of

PEFC - Chain of Custody

PEFC ST 2002:2020 – “Chain of Custody of Forest and Tree Based Products – Requirements” - dated 14/02/2020

PEFC ST 2001:2020 - PEFC Trademarks Rules – Requirement – dated 14/02/2020.

as amended and published on www.pefc.org

For the products detailed in the scope below:

Purchase of % PEFC certified sawnwood, production and sales of % PEFC certified cross laminated timber (CLT) using Physical Separation Method.

This certificate is valid from 03 January 2023 until 02 December 2023 and remains valid subject to satisfactory surveillance audits.

Issue 4 Certified since 03 December 2018

This is a single certification scheme.

Authorised by
Sylvie Seisun

Authorised by
Christian Kobel

SGS Société Générale de Surveillance SA
1, Place des Alpes, 1201 Geneva, Switzerland
t +41 (0)22 739 91 11 - www.sgs.com

More detailed product specifications covered by the scope of this certificate are provided on the PEFC Certificate Database <https://www.pefc.org/find-certified>. Organisations with a valid PEFC chain of custody certificate can only use the PEFC Logo with unique PEFC license logo number based on PEFC Logo usage license contract issued by the PEFC Council or another entity authorised by the PEFC Council and in accordance with the PEFC logo usage rules.



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Certificate SGSCH-PEFC-COC-120005

The Organization

SIA "CLT Profi"

SGS

"Lejasrandoti", Mucenieki, Ropažu novads, LV-2137, Latvia

has been assessed and certified as meeting the requirements of

PEFC - Chain of Custody

PEFC ST 2002:2020 – "Chain of Custody of Forest and Tree Based Products – Requirements" - dated 14/02/2020

PEFC ST 2001:2020 - PEFC Trademarks Rules – Requirement – dated 14/02/2020.

as amended and published on www.pefc.org

For the products detailed in the scope below:

Trader without physical possession. Purchase and sales of X% PEFC certified sawn wood, cross laminated timber (CLT) and Glue Laminated Products (GLT) under the physical separation method.

This certificate is valid from 19 April 2024 until 09 February 2028 and remains valid subject to satisfactory surveillance audits.

Issue 2 Certified since 10 February 2023

This is a single certification scheme.



Authorised by

Christian Kobel

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t +41 (0)22 739 91 11 - www.sgs.com

More detailed product specifications covered by the scope of this certificate are provided on the PEFC Certificate Database <https://www.pefc.org/find-certified>. Organisations with a valid PEFC chain of custody certificate can only use the PEFC Logo with unique PEFC license logo number based on PEFC Logo usage license contract issued by the PEFC Council or another entity authorised by the PEFC Council and in accordance with the PEFC logo usage rules.



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