



ICECON CERT

ORGANISM DE CERTIFICARE
CERTIFICATION BODY

accredited for
CERTIFICATION



SR EN ISO/CEI 17065:2013
ACCREDITATION CERTIFICATE
ON 066

CERTIFICATE OF CONSTANCY OF PERFORMANCE

2204-CPR-0655

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 products

TIMBER STRUCTURES.

GLUED LAMINATED TIMBER WITHOUT PRESERVATIVE TREATMENT.

Strength class of glued laminated timber: GL 24h,

Performances of the product are detailed in the Annex of this certificate of constancy of performance.

Intended use: glued laminated timber structure for buildings and bridges,

Placed on the market and produced by **SC SILVANIA SORTILEMN SRL**,

Head office and Manufacturing plant:

LUNCA ILVEI Commune, LUNCA ILVEI village, Fabricii street, no. 1, BISTRIȚA-NĂSĂUD county

Phone: 0760 233 153, fax: 0263 337 781.

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

EN 14080:2013

under system 1 for the performances set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction products.

This certificate was first issued on **9th October 2020** and will remain valid until **8th 10 October 2023**, as long as neither the harmonised standard, the construction products, the AVCP methods nor the manufacturing conditions in the plant are significantly modified, unless suspended or withdrawn by the notified product certification body.

President,
Emeritus Prof. Polidor BRATU, Ph.D



* This certificate is valid only together with annex.

9th October 2020

ICECON CERT is a product certification body accredited by RENAR (accreditation certificate no ON 066) and notified at the European Commission under the no NB 2204
ICECON CERT reserves the right to maintain, withdraw or suspend the validity of this certificate, if the initial conditions for assessment and verification of constancy of performance are not maintained when the annual surveillances are performed.
Sos. Pantelimon, no. 266, sector 2, PO Box 3-33, 021652, BUCHAREST, phone: +4021 202 55 01, fax: +4021 255 31 49, www.iceconcert.ro, ana.gheorghita@icecon.ro

TIMBER STRUCTURES.
GLUED LAMINATED TIMBER - WITHOUT PRESERVATIVE TREATMENT:
Strength class: GL 24h;

Wood species (essence): Spruce (*Picea abies*)

Characteristics, according to EN 14080:2013/ Measure unit	Standard test	Performances
Moisture, %	EN 408+A1	9+15
Density, kg/m ³	EN 408+A1	>420
Bonding strength		
Bending strength parallel to the grain of finger joints, T 24 class, N/mm ²	EN 408+A1	>30
Mechanical strengths of glued laminated timber		
Bending strength parallel to the grain, N/mm ²	EN 408+A1	>24
Global modulus of bending elasticity, N/mm ²	EN 408+A1	>11500
Tensile strength perpendicular to the grain, N/mm ²	EN 408+A1	>0,5
Compression strength perpendicular to the grain, N/mm ²	EN 408+A1	>2,5
Shear strength parallel to the grain, N/mm ²	EN 408+A1	>3,5
Durability of bonding strength		
Wood species (essence)	EN 14080, point 5.5.2.	Spruce (<i>Picea abies</i>)
Adhesives for : - finger joints in laminations - glue lines between laminations	EN 301	Adhesive: Type PUR I - A Type PUR I - A
Natural durability Resistance to biological attack	EN 350	Durability class: 4,SH,SH,S,3-4,3v
Reaction to fire	EN 14080 Table 11	D-s2,d0
Release of dangerous substances: Formaldehyde class, mgHCHO/m ³ air	EN 717-1	Class E1 ≤ 0,124

Surveillance
stages

1st stage
30th April 2021

2nd stage
30th Oct. 2021

3rd stage
30th April 2022

4th stage
30th Oct. 2022

5th stage
30th March 2023

6th stage
30th Sept. 2023

9th October 2020

Annex is only valid together with the certificate of constancy of performance no. 2204-CPR-0655.



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