

CERTIFICATION REPORT

Original Issuance

No.: CR 311003006/2/2024

Production site:	L.F.R. Carli & Cia Ltda. Rua Antônio Gaudi 901 Guarapuava – Parana- 85063-440 Brazil
Content of order:	Certification of the Factory and Factory Production Control (FPC)
AVCP system:	2+
Construction product:	Wood-based panels for use in construction – Characteristics, evaluation of conformity and marking EN 13986:2004+A1:2015
Group of construction products:	Plywood

This report consists of 3 pages of text and
- appendices with a total of - pages

Leipzig, December 20th, 2024



Dipl.- Ing. L. Roewer
Responsible person for the decision
concerning certification



Any publication of this Certification Report – even in extracts – requires the advance approval of HFB Engineering GmbH.

1. Fundamentals of this Certification Report

This Certification Report is based on the statements found in Inspection Report No. IR 311003006/2/2024 issued by HFB Engineering GmbH Leipzig on December 19th, 2024.

2. Assessment of the Results of Third-party Monitoring

The following assessments are based on Inspection Report No. IR 311003006/2/2024 of December 19th, 2024 (inspection of the factory and the factory production control):

- The production site L.F.R. Carli & Cia Ltda., Rua Antônio Gaudi 901, Guarapuava – Parana- 85063-440, Brazil, sufficiently fulfills the technical and personnel preconditions necessary to produce, in accordance with the requirements, wood-based panels, especially plywood, as according to EN 13986:2004+A1:2015.
- The plywood panels produced at the production site L.F.R. Carli & Cia Ltda. and of the following panel types

Panel Types		Nominal Thickness (mm)	Number of Plies	Wood Species		Intended use as pursuant to EN 13986, section 4.1 to 4.7
No.	Product Name			Parallel Veneers	Crossbands	
1	"Carliplac"	9	5	Pinus elliottii/ Pinus taeda		4.1 / 4.2
2		18	7			
3		18	9			
4		20	7			

Panel Types			Resin Type	Veneer Thickness / Panel Layup
No.	Nominal Thickness (mm)	Number of Plies		
1	9	5	Phenolic	2.0 – 2.0 – 2.0 – 2.0 – 2.0
2	18	7		2.7 – 2.7 – 2.7 – 2.7 – 2.7 – 2.7 – 2.7
3	18	9		2.0 – 2.0 – 2.7 – 2.0 – 2.7 – 2.0 – 2.7 – 2.0 – 2.0
4	20	7		3.1 – 3.1 – 3.1 – 3.1 – 3.1 – 3.1 – 3.1

are subject to a factory production control (FPC), that is in accordance with the standards of EN 13986:2004+A1:2015.

- The performance characteristics required for internal use as structural components in dry or humid conditions were demonstrated by the results of Type Testing (TT) for the product types contained in the table above.
- The notices found in Inspection Report No. IR 311003006/2/2024 dated December 19th, 2024, must be observed.

3. Statements Concerning the Certificate of Factory Production Control

Based on the results of the regular inspection 2/2024 of the factory and the factory production control, carried out by the notified certification body, the

Certificate of Conformity of Factory Production Control
No. 1034 - CPR - 3006/1/2024
dated July 26th, 2024

retains its validity.

The Certificate of Conformity of Factory Production Control shall retain its validity only under the pre-condition, that the manufacturer will comply with the notices contained in the Inspection Report No. IR 311003006/2/2024.