

## CERTIFICATION REPORT

Original Issuance

No.: CR 311002108/2/2017

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<b>Production site:</b>	<b>Repinho Reflorestadora Madeira e Compensados Ltda Rua Sebastiano de Camargo Ribas, 950 85045-796 Guarapuava, PR Brazil</b>
<b>Content of order:</b>	<b>Certification of the Factory and Factory Production Control (FPC)</b>
<b>AVCP system:</b>	<b>2+</b>
<b>Construction product:</b>	<b>Wood-based panels for use in construction – Characteristics, evaluation of conformity and marking EN 13986:2004+A1:2015</b>
<b>Group of construction products:</b>	<b>Plywood</b>

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

Leipzig, January 10<sup>th</sup>, 2018



**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 311002108/2/2017 issued by HFB Engineering GmbH Leipzig on January 8<sup>th</sup>, 2018.

## 2. Assessment of the Results of Third-party Monitoring

The following assessments are based on Inspection Report No. IR 311002108/2/2017 of January 8<sup>th</sup>, 2018 (Regular Inspection of the Factory and the Factory Production Control /FPC):

- The production site Repinho Reflorestadora Madeira e Compensados Ltda, Guarapuava - PR (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 Repinho Reflorestadora Madeira e Compensados Ltda, Guarapuava - PR (Brazil) and of the following panel types

No.	Panel Types		Nominal thickness/ Composition	Intended Use as pursuant to EN 13986, Section 4.1 to 4.7
	Plant designation			
1	"REPINHO"		12	4.1 / 4.2
2			15	4.1 / 4.2
3			18	4.1 / 4.2
4			20	4.1 / 4.2
5			21	4.1 / 4.2
6			22	4.1 / 4.2
7			24	4.1 / 4.2
8			24	4.1 / 4.2
9			27	4.1 / 4.2
10			30	4.1 / 4.2

No.	Panel Types		Wood Species		Veneer Thickness
	Thickness	Plies	Outer Layers	Inner Plies	
1	12	5	Pinus elliottii, Pinus taeda		2.7 – 2.5 – 2.7 – 2.5 – 2.7
2	15	5			3.1 – 3.0 – 3.0 – 3.0 – 3.1
3	18	7			2.7 – 2.7 – 2.7 – 2.7 – 2.7 – 2.7 – 2.7
4	20	7			3.0 – 3.0 – 3.0 – 3.0 – 3.0 – 3.0 – 3.0
5	21	7			3.1 – 3.2 – 3.2 – 3.2 – 3.2 – 3.2 – 3.1
6	22	7			3.1 – 3.4 – 3.4 – 3.4 – 3.4 – 3.4 – 3.1
7	24	7			3.6 – 3.6 – 3.6 – 3.6 – 3.6 – 3.6 – 3.6
8	24	9			3.0 – 2.5 – 3.0 – 2.5 – 3.0 – 2.5 – 3.0 – 2.5 – 3.0
9	27	9			3.1 – 3.1 – 3.1 – 3.1 – 3.1 – 3.1 – 3.1 – 3.1 – 3.1
10	30	9			3.4 – 3.6 – 3.4 – 3.6 – 3.4 – 3.6 – 3.4 – 3.6 – 3.4

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

- The required performance characteristics were demonstrated by the results of Type Testing (TT).
- The observations/notices found in Inspection Report No. IR 311002108/2/2017 dated January 8<sup>th</sup>, 2018, must be complied with.

### **3. Statements Concerning the Certificate of Factory Production Control and Concerning CE Labeling**

Based on the results of the Regular Inspection 2/2017 of the Factory and the Factory Production Control, carried out by the notified inspection body, the

Certificate of conformity of Factory Production Control  
No. 1034 – CPR – 2108/1/2017  
dated March 2<sup>nd</sup>, 2017

retains its validity.

In consequence, the production site is still entitled to label plywood product "REPINHO", mentioned in section 2 of this certification report, with the symbol **CE** and all other required information as long as all further requirements that the production site is responsible for have been met.

The Certificate of Factory Production Control shall retain its validity only under the pre-condition, that the manufacturer will comply with the observations (notices) contained in Inspection Report No. IR 311002108/2/2017.