

CERTIFICATION REPORT

Original Issuance

No.: CR 311002344/1A/2015

Production site:	MACASIL INDUSTRIA E COMÉRCIO DE COMPENSADOS LTDA Rua Emilio Kroni 531 - Rocio - União da Vitória Paraná - Brasil CEP: 84.600-000
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 / Plywood

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

Leipzig, January 12th, 2016



Dipl.- Ing. V. Bremer
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 311002344/1/2015 issued by the certification body HFB Engineering GmbH Leipzig on November 19th, 2015 and on additional documents (type test reports) provided by the manufacturer.

2. Assessment of the Results of Third-party Monitoring

The following assessments are based on Inspection Report No. IR 311002344/1/2015 of November 19th, 2015 (Initial Inspection of the Factory and the Factory Production Control /FPC) and on additional documents (type test reports) provided by the manufacturer:

- The production site MACASIL INDUSTRIA E COMÉRCIO DE COMPENSADOS LTDA, Rua Emilio Kroni 531 - Rocio - União da Vitória, 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.
- The plywood panels produced at the production site MACASIL INDUSTRIA E COMÉRCIO DE COMPENSADOS LTDA and of the following panel types

No.	Panel Type (Commercial Name)	Nominal Thickness (mm)	Wood Species	Resin Type (Resin Family)	Intended use as pursuant to EN 13986, section 4.1 to 4.7
1	MACASIL or MACAPLY	12	Pinus Elliottii/ Pinus Taeda	Phenolic	4.1 / 4.2 / 4.7
2		15			4.1 / 4.2 / 4.7
3		18			4.1 / 4.2 / 4.7
4		21			4.1 / 4.2 / 4.7
5		24			4.1 / 4.2 / 4.7

Panel Type			Veneer Thickness / Panel Layup
No.	Nominal Thickness (mm)	Number of Plies	
1	12	5	2.7 - 2.3 - 2.7 - 2.3 - 2.7
2	15	5	2.7 - 3.9 - 2.7 - 3.9 - 2.7
3	18	7	2.7 - 2.6 - 2.7 - 2.6 - 2.7 - 2.6 - 2.7
4	21	7	2.7 - 3.9 - 2.7 - 3.9 - 2.7 - 3.9 - 2.7
5	24	9	2.7 - 3.0 - 2.7 - 3.0 - 2.7 - 3.0 - 2.7 - 3.0 - 2.7

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

- The required performance characteristics were demonstrated for product types 12 mm/ 5 plies, 15 mm/ 5 plies, 18 mm/ 7 plies, 21 mm/ 7 plies and 24 mm/ 9 plies by the results of Type Testing (TT).

- The remarks/conditions and observations/notices found in Inspection Report No. IR 311002344/1/2015 dated November 19th, 2015, must be complied with.

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

Based on the results of the initial inspection of the factory and the factory production control, carried out by the notified certification body, and on additional documents (type test reports) provided by the manufacturer the Certificate of Factory Production Control No. **CE** 1034 – CPR – 2344/1/2016, is issued.

In consequence, the production site is entitled to label the plywood products “MACASIL” resp. “MACAPLY”, product types 12 mm/ 5 plies, 15 mm/ 5 plies, 18 mm/ 7 plies, 21 mm/ 7 plies and 24 mm/ 9 plies according to section 2 of the present 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, effective immediately.

The Certificate of Factory Production Control shall retain its validity only under the pre-condition, that the manufacturer will comply with the remarks/conditions and observations/notices contained in the Inspection Report No. IR 311002344/1/2015 dated November 19th, 2015 within the specified time.

The Certificate of Factory Production Control No. **CE** 1034 – CPR – 2344/1/2015, issued on November 20th, 2015, lost its validity and has to be returned to the certification body.