



HFB ENGINEERING GMBH

TEST AND CERTIFICATION INSTITUTE FOR CONSTRUCTION PRODUCTS



NB 1034



SAC 05

CERTIFICATE

of conformity of Factory Production Control

CE No. 1034 – CPR – 2094 / 1 / 2016

In compliance with Regulation (EU) No. 305/2011 of the European Parliament and of the Council of March 9th, 2011 (Construction Products Regulation – CPR), the present certificate applies to the construction product

“RIOPLY” Pine Plywood

according to the performance characteristics for wood-based panels for use in construction, as presented on page 2 of this certificate

placed on the market and produced in the manufacturing plant by

**Madeira Rio Claro Ltda.
Antonio Ribeiro Street
84.560-000 Rio Azul - PR
Brazil**

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

EN 13986:2004

under system 2+ are applied and that

the factory production control fulfils all the prescribed requirements.

This certificate was first issued on February 10th, 2016 and will remain valid as long as neither 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The validity of the certificate will be confirmed by the certification report issued every six month by the certification laboratory.

Leipzig, February 10th, 2016



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Dipl.- Ing. L. Roewer
Head of Certification Laboratory

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Plywood Products:

Panel type/ Plant designation			EN 13986; Performance characteristics required for wood-based panels for use in construction				
"RIOPLY" Pine Plywood			Wood-based panels for internal use as structural components in		Wood-based panels for internal use as structural floor and roof decking on joists and as structural wall sheathing on studs		
No.	Nominal Thickness	Plies	dry conditions	humid conditions	Floor decking on joists	Roof decking on joists	Wall sheathing on studs
			section 4.1	section 4.2	section 4.7		
1	9 mm	5ply	✓	✓	–	–	–
2	12 mm	5ply	✓	✓	–	–	✓
3	15 mm	5ply	✓	✓	–	–	–
4	15 mm	7ply	✓	✓	–	–	–
5	18 mm	5ply	✓	✓	✓	✓	–
6	18 mm	7ply	✓	✓	✓	✓	✓
7	20 mm	5ply	✓	✓	–	–	–
8	20 mm	7ply	✓	✓	–	–	–
9	21 mm	7ply	✓	✓	–	–	–
10	30 mm	11ply	✓	✓	–	–	–

Panel Types			Wood Species		Veneer Thickness
No.	Nominal Thickness	Plies	Outer Layers	Inner Plies	
1	9 mm	5	Pinus elliottii, Pinus taeda		1.5 – 2.0 – 2.3 – 2.0 – 1.5
2	12 mm	5			2.3 – 2.7 – 2.3 – 2.7 – 2.3
3	15 mm	5			2.3 – 4.2 – 2.3 – 4.2 – 2.3
4	15 mm	7			2.3 – 2.2 – 2.3 – 2.2 – 2.3 – 2.2 – 2.3
5	18 mm	5			3.2 – 4.5 – 3.2 – 4.5 – 3.2
6	18 mm	7			2.3 – 3.2 – 2.3 – 3.2 – 2.3 – 3.2 – 2.3
7	20 mm	5			3.8 – 4.6 – 3.8 – 4.6 – 3.8
8	20 mm	7			2.3 – 3.8 – 2.3 – 3.8 – 2.3 – 3.8 – 2.3
9	21 mm	7			2.3 – 4.2 – 2.3 – 4.2 – 2.3 – 4.2 – 2.3
10	30 mm	11			2.3 – 3.5 – 2.3 – 3.5 – 2.3 – 3.5 – 2.3 – 3.5 – 2.3 – 3.5 – 2.3