



Declaration of Performance No. Rep/PP/17/CE2+



1. **Unique identification code of the product-type:**
PINE PLYWOOD EN 636-2 S
Thicknesses 12mm thru 30mm
Grades B/C BFU, CPC BFU, C+/C BFU, B/C CE2+, CPC CE2+, C+/C CE2+ and C/C CE2+
2. **Intended uses:**
Structural components in dry and humid conditions
3. **Manufacturer:**
Repinho Reflorestadora Madeiras e Compensados Ltda
Av. Vereador Sebastião de Camargo Ribas 950, Dist. Ind. Guaratú
GUARAPUAVA, PR 85045-796 BRAZIL
4. **Not Applicable**
5. **System of assessment and verification of constancy of performance (AVCP):**
System 2+
6. **Harmonised standard:**
EN 13986:2004+A1:2015

Notified Body:
1034 - HFB Engineering GMBH of Leipzig, Germany

Certificates:
CE2+: 1034 - CPR - 2109/1/2017 dated March 2nd, 2017 for the Guarapuava mill.

7. Declared performance:

a. General

Essential characteristics	Declared performance	Technical Specification
Bond quality	Class 3 (phenolic)	EN 314-1/2
Release of formaldehyde	E1	EN 13986 Annex B Note 2
Biological durability	Class 2	EN 335 / EN 1099
Mean density ρ	550 kg/m ³	EN 323
Reaction to fire	D-s2, d0	EN 13986 Table 8

b. For use as STRUCTURAL COMPONENTS in dry and humid conditions

Essential characteristics	Declared performance					Technical Specification				
	Characteristic values (L5%)									
Product types		12mm	15mm	18mm	20mm	21mm	22mm	24mm	27mm	30mm
		5 ply	5 ply	7 ply	7 ply	7 ply	9 ply	9 ply	9 ply	11 ply
Bending strength and stiffness classes according to EN 636		F 30/10	F 30/10	F 30/15	F 30/10	F 25/10	F 15/15	F 20/10	F 25/10	F 20/15
		E 60/15	E 60/10	E 60/25	E 50/20	E 50/25	E 50/25	E 50/20	E 60/25	E 40/25
Strength (N/mm ²)	Parallel	45	45	45	45	38	23	30	38	30
	Perpen.	15	15	23	15	15	23	15	15	15
Stiffness (N/mm ²)	Parallel	6.000	6.000	6.000	5.000	5.000	5.000	5.000	6.000	4.000
	Perpen.	1.500	1.000	2.500	2.000	2.500	2.500	2.000	2.500	2.500

The performance of the product identified above is in conformity with the set of declared performance's
This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Marcelo Antonelli Guaragni, Mill Director
In Guarapuava, PR on October 30th of 2017.