



**Declaration of Performance
No. REP/PP/17/CE4**



Product identification	PINE PLYWOOD EN 636-2 NS									
Product Types	9mm	12mm	15mm	18mm	20mm	21mm	22mm	24mm	27mm	30mm
Intended uses	Internal use as non-structural components in humid conditions									

Name and contact address of the manufacturer	Repinho Reflorestadora Madeiras e Compensados Ltda. Av. Vereador Sebastião de Camargo Ribas, 950, Dist. Ind. Guaratú Guarapuava, PR 85045-796 BRAZIL
Mill identification	REPINHO
Harmonized standard	EN 13986:2004+A1:2015
AVCP System	4

Essential characteristics	Declared performance	Technical Specification
Release of formaldehyde	E1 (phenolic resin bonded)	EN 13986 Annex B Note 2
Bond quality	Class 3	EN 314-1/2 Type testing
Density	560 Kg/m ³	EN 323 Type testing
Reaction to fire	D-s2, d0 / Flooring - DFL-s1	EN 13986 Table 8
Water vapour permeability	Wet - 70 μ / Dry - 200 μ	EN 13986 Table 9
Airborne sound insulation	R = 13 x lg (m _A) + 14	EN 13986 part 5.10
Sound absorption coefficient	0,10 / 0,30	EN 13986 Table 10
Thermal conductivity	0,13 W/(m.K)	EN 13986 Table 11
Content of pentachlorophenol	< 5 ppm	EN 13986 part 5.18
Biological durability	Class 2	EN 335 / EN 1099

Dimensional tolerances	Declared performance	Technical Specification									
Length and width	+0 / -3.0mm	EN 324-2									
Squareness	+/- 1.0 mm/m										
Straightness	+/- 1.0 mm/m										
Thickness	See below per Type						EN 324-1 / EN 315 / EN 12871				
	Product Type	9mm	12mm	15mm	18mm	20mm	21mm	22mm	24mm	27mm	30 mm
	Maximum (mm)	10,1	13,2	16,3	19,3	21,4	22,4	23,5	25,5	28,6	31,7
	Minimum (mm)	8,3	11,2	14,2	17,1	19,0	20,0	20,9	22,9	25,8	28,7

Essential characteristics	Declared performance	Technical Specification									
Bending properties	See below per Type						EN 310 Type testing				
	Type	9mm	12mm	15mm	18mm	20mm	21mm	22mm	24mm	27mm	30mm
Bending strength (N/mm ²)	Fk, 0	33,1	26,7	29,4	29,3	29,8	37,4	25,1	29,7	24,1	29,7
	Fk, 90	6,9	13,4	18,5	18,4	19,0	26,7	18,8	22,3	19,1	22,3

Place and date of issue	Issued by	Signature
Guarapuava, 1st November 2017.	Marcelo Antonelli Guaragni Industrial Director	