



## DECLARATION OF PERFORMANCE

Product Identification	PINE PLYWOOD EN 636-2 S						
Product Types	12mm	15mm	18mm	20mm	21mm	24mm	30mm
Intended uses	Internal use as structural components in humid conditions						
Name and contact address of the manufacturer	ITAMARATI INDUSTRIA DE COMPENSADOS LTDA Rua 3, S/N, Área Industrial CEP 85555-000 Palmas - PR - BRAZIL						
Harmonized standard	EN 13986:2004						
(AOC) System	2+						

Essential Characteristics	Declared Performance	Technical Specification
Release of formaldehyde	E1 (Phenolic Resin Bonded)	EN 13986:2004
Bond quality	Class 3	EN 314-2
Density	560Kg/m <sup>3</sup> at 9% moisture content	EN 323
Water vapour permeability	Wat - 70 µ / Dry - 200 µ	EN 13986:2004
Airborne sound insulation	R = 13 xlg (m <sub>A</sub> )+14	EN 13986:2004
Sound absorption coefficient	0,10 / 030	EN 13986:2004
Thermal conductivity	0,13 W/(m.K)	EN 13986:2004
Content of pentachlorophenol	<5 ppm	EN 13986:2004
Biological durability	Class 2	EN 335 / EN 1099

Dimensional tolerances	Declared Performance				Technical Specification			
Size	+/- 3.0mm				EN 12871/ EN 315/ EN 324-2			
Squareness	+/- 1.0mm							
Straightness	+/- 1.0mm							
Thickness	See below per type				EN 12871 / EN 315 / EN 324-1			
	Product Type	12mm	15mm	18mm	20mm	21mm	24mm	30mm
	Minimum (mm)	11,6	14,6	17,6	19,6	20,6	23,6	29,6
	Maximum (mm)	12,4	15,4	18,4	20,4	21,4	24,4	30,4

Essencial characteristics	Declared Performance				Technical Specification			
Bending properties	See below per type				EN 310 Type testing			
	Type	12mm	15mm	18mm	20mm	21mm	24mm	30mm
Bending strength		29,8	32,4	32,5	29,3	29,7	25,9	25,2
(N/mm <sup>2</sup> )		15,9	16,9	16,7	16,7	16,7	18,3	18,6

Place and data of issue	Responsible	Signature
Palmas, 25 September 2015	Marcelo Bosquirolli Lazzaretti Partner Manager	