

DECLARATION OF PERFORMANCE

ID Code: Arbhores DOP-22/CE2+



Product identification	STRUTURAL PINE PLYWOOD EN 636-2 S											
Product Types	09 mm	12mm	15mm	18mm	20mm	21 mm	24mm	24 mm				
Layers/Piles	3	5	5	7	7	7	7	9				
Intended uses	Internal use as structural components in humid conditions											

Name and contact address of the manufacturer	INDUSTRIAL ARBHORES COMPENSADOS EIRELI RUA ESTRADA DO CURTUME,40 - BAIRRO: LAGOÃO PALMAS - PR - CEP: 85.555-000 - BRAZIL - 55 (46)3262-2525											
Harmonized standard	EN 13986:2004 + A1:2015											
AVCP System	2+											

Notified Body:	1034 - HFB Engineering GMBH, Leipzig, Germany											
Certificate:	1034 - CPR-2670/2/2025											

Essential characteristics	Declared performance	Technical Specification
Bond quality	Class 3	EN 314-1/2 Type testing
Biological Durability	Use Class 2	EN 335/EM 1099
Mean density	550 kg/m ³	EN 323
	E1 (EN 717-2)	EN 13986 Annex B Note2
Release of formaldehyde	E1 (EI E1	(ChemVerbotsV) 1.1.2320
	CARB Executive order N-19-373 (ULEF)	CARB phase 2 and TSCA Title VI
Reaction to fire	D-s2, d0 / Flooring - DFL-s1	EN 13986 Table 8
Water vapour permeability	Wet - 70 µ / Dry - 200 µ Dry - 200 µ	EN 13986 Table 9
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

Dimensional tolerances		Declared performance								Technical Specification			
Length and width		+/- 3.0mm								EN 324-2			
Squareness		+/- 3.0mm											
Straingthness		+/- 1.0 mm											
Thickness		See below per Type								EN 324-1 / EN 315 / EN 12871			
	Prodct Type	09 mm	12mm	15mm	18mm	20mm	21mm	24mm	24 mm				
	Maximum (mm)	9,8	12,5	15,6	18,7	19	21,8	25	25				
	Minimum (mm)	8,3	11,2	14,2	17,1	20,9	19,9	22,9	23,2				

characteristics values		Declared performance								Technical Specification
Bending properties		See below per Type								EN 12369-2
	Type	09 mm	12mm	15mm	18mm	20 mm	21 mm	24mm	24 mm	EN 12369-2
strength (N/mm2)	Para //	35	30	15	30	30	30	30	25	EN 12369-2
	perp I	10	15	15	15	23	20	15	20	EN 12369-2
stiffness (N/mm2) MOE	para //	3.600	3.150	2.700	3.600	4.500	4.500	4.500	3.150	EN 12369-2
	Perp I	450	900	1.350	1.350	2.250	1.800	1.800	1.350	EN 12369-2

Class Table/ DIN EM 636:2012-12		Declared performance											
Bending properties		See below per Type											
	Type	09 mm	12mm	15mm	18mm	20mm	21mm	24mm	24mm				
strength (Fm 0; F90)	Para //	F25	F20	F10	F20	F20	F20	F20	F20				
	perp I	F5	F10	F10	F10	F15	F15	F10	F10				
stiffness (Em 0; Em90)	para //	E40	E5	E30	E40	E50	E50	E50	E35				
	Perp I	E5	E10	E15	E15	E25	E20	E20	E15				

the performance of the products is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer, identified above.

Signed for and dehalf of the manufacturer by:

Edvandro Cesar Modena - Director

Palmas - PR, January 12 st, 2026