

AraucoPly

Thicknesses and Formats

Panels are available in any combination of the following dimensions:

Thickness (mm) :	6,5 • 9 • 12 • 15 • 18 • 21 • 25 • 30
Length (mm) :	2440 • 2500
Width (mm) :	1220 • 1250

- A tolerance on the specified thickness of +/- 0.40 mm is assured for sanded grades.
- A tolerance on the specified length and width of plus zero and minus 1.6 mm is assured.
- A tolerance in squareness and straightness of 1 mm per meter is assured.

Span Rating

Nominal Panel Thickness	Span Rating	Maximum Span (inches)		Allowable Live Loads (psf)									
		With Edge Support	Without Edge Support	Spacing of Supports Center to Center									
(mm)	(inches)	(inches)		12	16	19.2	24	32	40	48	54	60	
Sheathing Span													
9	11 / 32	24 / 0	24	20	190	100	60	30	-	-	-	-	-
12	15 / 32	32 / 16	32	28	-	180	120	70	30	-	-	-	-
15	19 / 32	40 / 20	40	32	-	-	205	130	60	30	-	-	-
18	23 / 32	48 / 24	48	36	-	-	-	175	95	45	35	-	-
21	13 / 16	48 / 24	48	36	-	-	-	175	95	45	35	-	-
25	1	54 / 32	54	40	-	-	-	-	130	75	50	35	-
Floor Span													
15	19 / 32	20 OC	32	32	270	150	100	60	30	-	-	-	-
18	23 / 32	24 OC	48	36	-	240	160	100	50	30	25	-	-
21	13 / 16	24 OC	48	36	-	-	160	100	50	30	25	-	-
25	1	32 OC	48	40	-	-	295	185	100	60	40	-	-

Note: The allowable spans were determined using a dead load of 10 psf. If the dead load exceeds 10 psf then the live load shall be reduced accordingly. To consider this data, panels shall be a minimum of 24 inches (600mm) wide.

Structural Properties

Nominal Panel Thickness (mm)	Pies	Face Thickness (mm)	Average Weight		MOR		MOE	
			kg/m ²	lb/sqft	//(N/mm ²)	⊥(N/mm ²)	//(N/mm ²)	⊥(N/mm ²)
6.5	3	2.54	3.7	0.8	79	16	7,883	722
9	3	3.20	4.6	1.0	72	15	7,433	754
12	5	2.54	6.4	1.3	66	28	7,009	2,222
15	5	3.20	8.0	1.7	63	33	6,806	2,645
18	7	2.54	9.7	2.0	57	32	6,193	3,151
21	7	3.20	11.2	2.3	56	35	6,790	3,653
25	9	3.20	13.5	2.8	54	33	7,240	2,947
30	11	2.54	16.2	3.4	51	42	5,915	4,594

Note: Weight is measured considering a density of 540 kg/m³ at 9% moisture content. Strength values were obtained following European EN 310 standard and represent averages.

Glue

AraucoPly is glued with a WBP phenolic adhesive. The glue line meets European EN 314 standard. Formaldehyde emission is within E1 level.

Grade and Profiles

- Following grades are available:
II/II; II/III
- T&G, Square and ship lap edges are available.
- Grooved surfaces as siding, V groove and W groove, are available.

Uses and Applications

- Structural (flooring, roofing, industrial)
- None Structural (furniture)
- Interior Fittings

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