

It is a plywood board composed of layers of thin sheets 100% Ponderosa Pine wood placed perpendicular to one another and bonded together with resins.

Thickness

7/32, 11/32, 15/32, 17/32, 19/32, 23/32, 1, 38/32 in

Format

48 x 96 in

Uses and Applications

Structures
Furniture
Falsework
Ceilings
Flooring

Benefits

Durable
Support

For indoor and outdoor use



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A) BENEFITS

- Durability and support
- Structural application in construction, furniture, and packaging.

- Variety of **specialized products for indoor and outdoor** use (according to the constitution and resins used)

B) APPLICATIONS

INTERIOR PLYWOOD

- Panel used for both furniture manufacturing and structural applications.
- Furniture manufacturing
- Structures
- Wood finish
- Doors

LAMCORE - COMBINED PLYWOOD

It is a Plywood panel composed of several layers of 100% ponderosa pine wood in its interior and MDF on its front and back face.

Surface uniformity thanks to Fibraplay MDF, which makes it ideal for coating and laminating applications.

- Laminating applications such as thin veneer, TFL among others.
- Furniture manufacturing with greater resistance requirement.

THICKNESSES AND PIECES PER PACKAGE				
PRODUCT	THICKNESS COMMERCIAL (in)	THICKNESS NOMINAL (in)	THICKNESS NOMINAL (mm)	PIECES / UNIT
INTERIOR PLYWOOD	7/32	0.2188	5.5	130
	11/32	0.3438	8.7	80
	15/32	0.4688	11.9	60
	17/32	0.5313	13.5	55
	19/32	0.5938	15.1	45
	23/32	0.7188	18.2	40
	1	1	25.4	30
	38/32	1.1875	30.1	25
LAMCORE	7/16	0.4375	11.1	60
	9/16	0.5625	14.3	50
	11/16	0.6875	17.5	40

C) TECHNICAL SPECIFICATIONS

PRODUCT	STRUCTURE			DIMENSIONS		TOLERANCES				
	Thickness in	Front	Back	Lenght (in)	Width (in)	Thickness (in)	Lenght (in)	Width (in)	Squareness (in)	Warping (in / ft)
INTERIOR PLYWOOD	1/4, 11/32, 15/32	B, LG, IND	D	96	48	+/- 0.0157	+/- 0.118	+/- 0.118	0.118	0.072
	17/32, 19/32, 23/32, 1	B, LG, IND	D	96	48	+/- 0.0157	+/- 0.118	+/- 0.118	0.118	0.060
LAMCORE	7/16, 9/16, 11/16	MDF	MDF	96	48	+/- 0.0157	+/- 0.118	+/- 0.118	0.118	0.060

*Product available upon request EPA TSCA Title VI.

***Products manufactured in compliance with specifications of the PS 1-95 standard

**Product on request with FSC certification.

****The measures and technical characteristics can be modified without prior notice.

D) STORAGE AND HANDLING

- Keep the straps when moving the material through a mechanical way; this facilitates the loading and unloading of the product and avoids slipping and rubbing between one board and another.
- Store indoors and in a dry place.
- Covering the boards with plastic or tarpaulins protects and preserves them in climates or extreme conditions.
- Avoid extreme variations in temperature and humidity.
- Do not allow the surfaces and edges of the board are in direct contact with water.
- Maximum height of a package: 32 inches.
- Maximum stowage height: 7 packages.
- In the stowage, between packages, use separators (preferably 4) placed between them approx. 28 in., taking care of the
- Alignment of packages. This practice also helps keep the board from absorbing moisture from the floor.
- Maintain a minimum distance between pallets of 8 inches approx..
- Do not stow vertically.

E) RECOMMENDATIONS

- **Manual cut:** Use a thin metal saw.
- **Cut with a jigsaw:** Use a fine-tooth saw with sway control.
- **Saw cut:**
 - Use a motor with a minimum of 2 hp and 3,500 to 5,000 r.p.m. Using a tungsten carbide tooth is recommended.
 - Choosing a saw with a smaller diameter increases stability and cut quality.
 - Choose preferably between 48 and 72 teeth.
 - Height of saws on the material to cut between 1/2 and 1 inch.
- **Drilling:** Use a high-speed drill with a straight-pointed steel bit. The perforations in the edges. They must be in the center and not exceed 50% of the thickness of the board.
- **Grooving:** The groove must have a maximum depth of 50% of the thickness of the board, groove thickness, not more than 1/3 of the thickness.
- **Screws:** Before inserting a screw, drill 1/64 "smaller than the same. Use only special screws.
It is not recommended to use a nail, preferably to use a staple (on the surface).



The mark of responsible forestry

Note: EPA TSCA Title VI and FSC certified products available upon request.

Structural and Dimensional Properties

Nominal Thickness	Number of Plies	Face Thickness	Average Weight
Inches		Inches - mm	1b/sheet (4'x8')
7/32"	3 or 5	5/64 - 1.2	19.8
11/32"	4	5/64 - 1.2	31.3
15/32"	5 or 7	5/64 - 1.2	43.2
19/32"	5 or 6	5/64 - 1.2	56.0
23/32"	7	5/64 - 1.2	65.7
32/32"	9	5/64 - 1.2	88.0

Nominal Thickness		MOR		MOE		MOR		MOE	
		//	⊥	//	⊥	//	⊥	//	⊥
in	mm	Kg/cm ²	Kg/cm ²	Kg/cm ²	Kg/cm ²	PSI	PSI	PSI	PSI
7/32	5.5	472	356	43437	29021	6716	5069	617809	412760
11/32	8.7	397	354	37248	29518	5652	5031	529783	419839
15/32	11.9	396	316	54725	34058	5629	4496	778352	484406
19/32	15.1	478	356	54209	42309	8592	5864	771019	601758
23/32	18.2	351	344	40780	39093	4987	4891	580013	556023

