



**“Structure and support”**

Make it happen with Plywood by Duraplay

# Plywood

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.**

## 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	1/4	0.2188	5.5	130
	11/32	0.3438	8.7	80
	15/32	0.4688	11.9	60
	19/32	0.5938	15.1	45
	23/32	0.7188	18.2	40
	1	1	25.4	30
LAMCORE	1/2	0.4375	11.1	60
	9/16	0.5625	14.3	50
	3/4	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)	Not recommendable / Applications
INTERIOR PLYWOOD	1/4, 11/32, 15/32	B, LG, IND	C	96	48	+/- 0.0157	+/- 0.118	+/- 0.118	0.118	0.072	Not recommendable
	19/32, 23/32, 1	B, LG, IND	C	96	48	+/- 0.0157	+/- 0.118	+/- 0.118	0.118	0.060	
LAMCORE	1/2, 9/16, 3/4	MDF	MDF	96	48	+/- 0.0157	+/- 0.118	+/- 0.118	0.118	0.060	Not recommendable

\*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.