DURAPLAY®
Lo hacemos posible

BULLNOSE

Surface quality and structural stability

Bullnose board is a structural and decorative component consisting of an MDF (medium-density fiberboard) core made of **100% Ponderosa pine,** which offers excellent dimensional stability and a surface suitable for various finishes.

This board is distinguished by a machining process applied to one of its edges to create a semicircular or rounded profile.

In some products, a high-viscosity industrial putty is applied to the curved profile to seal the natural porosity of the particleboard and provide a uniform base for subsequent finishes.

Thicknesses

5/8 - 1 1/8

Uses and Applications

Shelves
Window sills
Roofs
Steps

Benefits

Versatility
Consistency
Ease of processing
Ease of finishing
Dimensional stability

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A) BENEFITS

- Exceptional performance in weight load.
- Excellent grip on the screw.
- Superior machining performance (grooving, cutting, die cutting, etc.)

B) APPLICATIONS

- Shelving.
- Stair treads.
- Kitchen countertops.
- Desks.
- Shelves.

C) TECHNICAL SPECIFICATIONS

TOLERANCES			
Thickness (in)	Lenght (in)	Width (in)	Squareness (in / ft)
Nominal	Nominal	Nominal	Diagonal
+/- 0.0078	+/- .078	+/- .078	Max. +/- .0360

PHYSICAL AND MECHANICAL PROPERTIES					
	UNIT	TOLERANCE	TOLERANCE RANGE / GRADE AND THICKNESS		
			BULLNOSE		
Thicknesses	in		**5/8**	**3/4**	**1 1/8**
Density	lb/ft3	+/- 1.2	44	44	42
IB Average	PSI	- 2.6	58	58	52
MOR	PSI	- 79.7	1885	1885	1595
MOE	PSI	- 12330	290100	290100	246600
Edge screw	lbf	Min.	> 180	> 180	> 157
Face screw	lbf	Min.	> 202	> 202	> 157
Linear expansion	%	Max.	40	40	40
Humidity	%	+/- 2	7	7	7

* Product available upon request under **EPA TSCA Title VI.**

** Meets the specifications of ANSI Standard A208.1-2022

Specifications and technical features are subject to change without notice.

D) THICKNESS AND PIECES PER PACKAGE

PRODUCT	Thickness in	Long in	Width in	Units / Package
BULLNOSE	5/8	95	11 ¼”	96
		95	15 ¼”	72
		95	23 ¼”	48
		145	11 ¼”	96
		145	15 ¼”	72
		145	23 ¼”	24
		193	11 ¼”	96
		193	15 ¼”	72
		193	23 ¼”	24
	3/4	95	11 ¼”	80
		95	15 ¼”	60
		95	23 ¼”	40
		145	11 ¼”	80
		145	15 ¼”	60
		145	23 ¼”	40
		193	11 ¼”	80
		193	15 ¼”	60
		193	23 ¼”	40
STAIR TREAD	1 1/8	95	10 ½”	60
		145	11” 11 ¼”	
		193	11 ½”	

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 extreme climates and 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.
- For stowage use separators between packages (preferably four pieces placed approx. 28 inches between them), 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.

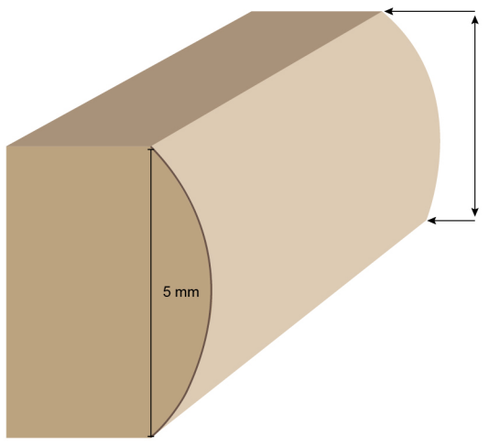
E) RECOMMENDATIONS

- **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. Recommended using tungsten carbide tooth.
  Choosing a saw with a smaller diameter increases stability and cut quality.
  Height of saws on the material to cut between 1/2 and 1 in.
  - **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 for the chipboard.
- It is not recommended to use nails, preferably to use staples (on the surface).

CPA CERTIFIED

Note: EPA TSCA Title VI product available upon request.

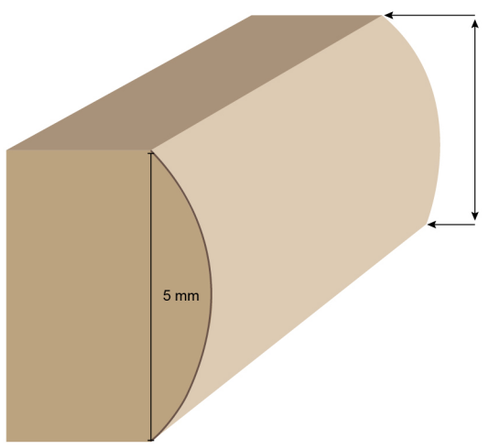
RADIO CUT SPECIFICATIONS



15.8mm - **5/8”** Thickness

Cutting Radius: 13mm

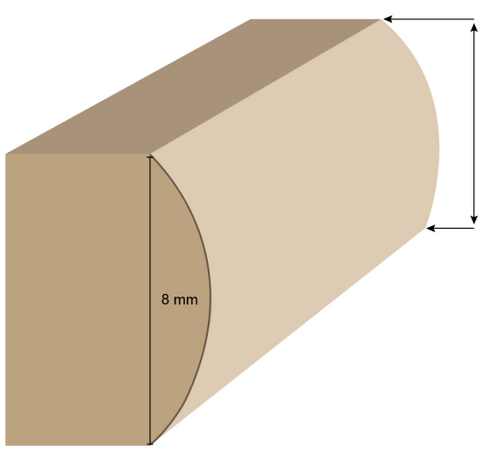
RADIO CUT SPECIFICATIONS



18.8mm - **3/4”** Thickness

Cutting radius:15 mm

RADIO CUT SPECIFICATIONS



28.6mm - **1 1/8”** Thickness

Cutting radius:18.8mm