



## 50 lb PREMIUM INDUSTRIAL

Boise Cascade 50# Premium Industrial Particleboard. Get the board with brawn and brains. Boise Cascade 50# Premium Industrial Particleboard is engineered for higher physical properties and a tighter consolidated core. Boise Cascade. Where strength meets machineability.

*The Productivity Panel™*

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888-264-7372



**Boise Cascade**



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# 50 lb Premium Industrial

## ANSI F18 or CARB Phase 2

### THICKNESS RANGE

3/8" through 1-1/8" or 9 mm through 25 mm

### DESCRIPTION

An engineered composite panel wood product made from 100% recycled Ponderosa pine and associated species of western wood particles formed and bonded with an interior resin.

### SPECIFICATION CONFORMANCE

The manufacturing standards shown below represent an average of all our product thickness'. Conforms to American Society of Testing and Materials Fire Test Method E-84 (flamespread rating is Class C). Canadian Standard CAN/ULC-S102-M

MANUFACTURING STANDARDS <i>Average</i>	IMPERIAL	METRIC
Density	49.5.0 lb/ft <sup>3</sup>	0.728 g/cm <sup>3</sup>
Modulus of Rupture	2,250 psi	17.58 N/mm <sup>2</sup>
Modulus of Elasticity	430,000 psi	2,965 N/mm <sup>2</sup>
Internal Bond	135 psi	0.93 N/mm <sup>2</sup>
Screw Holding - Face	325 lbs	1,446 N
Screw Holding - Edge	225 lbs	1001 N
Surface Strength	300 psi	2.068 N/mm <sup>2</sup>
Hardness	1,050 lbs	4,671 N
Formaldehyde, Emissions (ANSI F18)	< 0.18 ppm	< 0.18 ppm
Formaldehyde, Emissions (CARB Phase 2)	< 0.09 ppm	< 0.09 ppm
Linear Expansion - <i>Maximum</i>	0.35%	0.35%
Water Absorption - <i>Maximum</i>	20.0%	20.0%
Thickness Swell - <i>Maximum</i>	0.035 inches	0.889 mm
Moisture Content	7.0%	6.8%
Sanding	100 grit	

MANUFACTURING TOLERANCES	IMPERIAL	METRIC
Thickness Average from Target Value* <i>*Target value 0.005 under nominal</i>	±0.005 inches	±0.127 mm
Thickness Range ( <i>within panel</i> ) from Panel Average Value	±0.004 inches	±0.1016 mm
Length and Width ( <i>within panel</i> ) from Specified Size	±0.0625 inches	±1.5875 mm
Squareness ( <i>within panel</i> ) Maximum Deviation Between Diagonal Measurements	0.125 inches	3.175 mm
Straightness ( <i>within panel</i> ) Maximum Bow per 8' Length	0.0625 inches	1.5875 mm



The mark of responsible forestry

Please look for FSC certified products

For more information about BOISE CASCADE PARTICLEBOARD, including sales terms and conditions, visit our website at

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