



## 50 lb PREMIUM INDUSTRIAL

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

*The Productivity Panel.*

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888-264-7372



Boise Cascade



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# 50 lb Premium Industrial

## CARB Phase 1 Certified

### 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).

MANUFACTURING STANDARDS Average	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	< 0.18 ppm	< 0.18 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

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



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