

# BOISE SELECT®



**Stronger. Smoother. Faster. Than Ever.**

When it comes to particleboard, Boise Cascade has always been out in front. No other board has come close to it's profit-producing performance.

With an even finer core, even fewer voids, and an even tighter finish, you might wonder if this fully loaded board is actually Medium Density Fiberboard (MDF) in disguise.

Even better. BOISE SELECT® is a whole new grade of high-performance particleboard that will feed your need for speed — and quality.

Fasten your seat belt and take BOISE SELECT® for a spin — because this board will take you places you didn't think particleboard could go.

[www.bc.com/particleboard](http://www.bc.com/particleboard)

BOISE SELECT® puts you ahead of the pack:

Holds tighter corners  
*335 lbs face, 270 lbs edge*

Strengthens your track position  
*170 IB*

Runs cleaner emissions  
*ANSI F18 or CARB 2 compliant*

Burns fewer tools  
*tools last up to 20 times longer*

Accelerates throughput

Drives profitability



*This 3D sculpture was machined from a 2'x2' block of 100% BOISE SELECT®. If we can run a stock car this smoothly, imagine what we can do for your products.*

**The Productivity Panel™**

[www.bc.com/particleboard](http://www.bc.com/particleboard)  
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888-264-7372



**Boise Cascade**



Boise Cascade

# BOISE SELECT®

## ANSI F18 or CARB Phase 2

### THICKNESS RANGE

3/8" through 1" 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 Average	IMPERIAL	METRIC
Density	49.5.0 lb/ft <sup>3</sup>	0.728 g/cm <sup>3</sup>
Modulus of Rupture	2,400 psi	16.55 N/mm <sup>2</sup>
Modulus of Elasticity	424,000 psi	2,923 N/mm <sup>2</sup>
Internal Bond	170 psi	1.172 N/mm <sup>2</sup>
Screw Holding - Face	335 lbs	1,490.154 N
Screw Holding - Edge	270 lbs	1,201 N
Surface Strength	325 psi	2.241 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

[www.bc.com/particleboard](http://www.bc.com/particleboard)

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