

BOISE SELECT

Boise Cascade Particleboard The Productivity Panel.

THICKNESS RANGE: 3/8" through 1" or 9 mm through 25 mm

DESCRIPTION

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

SPECIFICATION CONFORMANCE

Certified by BOISE SM to meet or exceed our current published average manufacturing standards (see below). Conforms to American Society of Testing and Materials Fire Test Method E-84 (flamespread rating is Class C).

MANUFACTURING STANDARDS *Average*

Density	Imperial
Modulus of Rupture	49.5 lb/ft ³
Modulus of Elasticity	2,795 psi
Internal Bond	475,711 psi
Screw Holding - <i>Face</i>	194 psi
Screw Holding - <i>Edge</i>	379 lbs
Surface Strength	305 lbs
Hardness	379 psi
Formaldehyde, Emissions	1,050 lbs
Linear Expansion - <i>Maximum</i>	< 0.3 ppm
Water Absorption - <i>Maximum</i>	0.35%
Thickness Swell - <i>Maximum</i>	20.0%
Moisture Content	0.035 inches
Sanding	7.0%
	100 grit

MANUFACTURING TOLERANCES

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

Call 888.264.7372 for a free sample of Boise Particleboard .

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