



45 lb PREMIUM INDUSTRIAL

Boise Cascade 45# Premium Industrial Particleboard. Dress it up with a variety of coatings and laminates. Boise Cascade 45# Premium Industrial Particleboard is renowned for its machining performance and edge integrity. Boise Cascade. The pride of the west.

The Productivity Panel.

www.bc.com/particleboard
TWParticleboardSales@BC.com
888-264-7372



Boise Cascade



45 lb Premium Industrial

CARB Phase 1 and 2

THICKNESS RANGE

3/8" through 1-1/4" or 9 mm through 30 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	45.0 lb/ft ³	0.721 g/cm ³
Modulus of Rupture	2,150 psi	14.83 N/mm ²
Modulus of Elasticity	390,000 psi	2,689 N/mm ²
Internal Bond	110 psi	0.758 N/mm ²
Screw Holding - Face	250 lbs	1,112 N
Screw Holding - Edge	175 lbs	778 N
Surface Strength	300 psi	2.06 N/mm ²
Hardness	900 lbs	4,003 N
Formaldehyde, Emissions	< 0.18 ppm	< 0.18 ppm
Linear Expansion - Maximum	0.35%	0.35%
Water Absorption - Maximum	20.0%	20.0%
Thickness Swell - Maximum	0.035 inches	0.89 mm
Moisture Content	7%	6.8%
Sanding	100 grit	-

MANUFACTURING TOLERANCES	IMPERIAL	METRIC
Thickness Average from Target Value* *Target value 0.005 under nominal	±0.005 inches	±0.127 mm
Thickness Range (within panel) from Panel Average Value	±0.004 inches	±0.102 mm
Length and Width (within panel) from Specified Size	±0.0625 inches	±1.588 mm
Squareness (within panel) Maximum Deviation Between Diagonal Measurements	0.125 inches	3.175 mm
Straightness (within panel) Maximum Bow per 8' Length	0.0625 inches	1.588 mm

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

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