

Boise Evergreen™

Engineering Environmental Sustainability...



100% recycled pre-consumer fiber • ULEF (ultra-low-emitting formaldehyde) • SFI® Chain of Custody
• ECO-Certified Composite Certified • 6 LEED® credits supported • Meets ANSI M-2**

Thickness Range

3/8" through 1-1/8" or 9 mm through 28 mm

Description

An engineered composite panel wood product made from 100% recycled Ponderosa pine and associated species of western wood particles.

Premium Sustainable Particleboard

In keeping with our core commitment to sustain environmental resources for future generations, Boise Cascade Company employs the strictest of green practices in the manufacture of its premium particleboard. Our fiber procurement system champions SFI® Chain of Custody Certification standards, and our finished panel embodies an ECO-Certified Composite Certified (ECC) board.

Boise Evergreen™ features industry-leading quality and physical properties, comprises 100% recycled fiber and is a ULEF board. In addition, Boise Evergreen™ meets or exceeds Grade M2 based on ANSI A208.1-2009. Conforms to American Society of Testing and Materials Fire Test Method E-84 (flamespread rating is Class C). Canadian Standard CAN/ULC-S102-M

Boise Evergreen™		
Specifications Average	Imperial	Metric
Density	45.0 lb/ft ³	0.721 g/cm ³
Internal Bond	100 psi	0.689 N/mm ²
Screw Holding - Face	260 lbs	1,157 N
Screw Holding - Edge	200 lbs	889.64 N
Formaldehyde, Emissions (ULEF)	<0.04 ppm	<0.04 ppm
Linear Expansion - Maximum	0.35%	0.35%
Water Absorption - Maximum	20%	20%
Thickness Swell	0.035 inches	0.89 mm
Moisture Content	7.0%	7.0%
Sanding	100 grit	-

Physical and Mechanical Properties are averages of normal product runs
**100% recycled fiber refers to ECO-Certified Composite (ECC) Sustainability Standard CPA 4-11 Oct 2011

LEED® Category	Requirements	Potential Credits/points	Boise Cascade Advantages
Indoor Environmental Quality IEQ 4.4	Composite wood and agrifiber products with melamine urea formaldehyde are acceptable provided the materials are compliant with the California Air Resource Board (CARB) Airborne Toxic Control Measure (ATCM) 93120 requirements for no-added formaldehyde based resins or the requirements for ultra-low-emitting formaldehyde resins (ULEF). Applicable Internationally	1 point	Boise Evergreen™ is an ultra-low-emitting formaldehyde (ULEF) board
Materials & Resources MR 4.1	Materials with recycled content constitutes at least 10% of the materials in the project	1 point	Boise Evergreen™ is ECO-Certified Composite Certified 100% recycled pre-consumer fiber**
Materials & Resources MR 4.2	Materials with recycled content constitutes at least 20% of the materials in the project	1 point in addition to MR 4.1	Boise Evergreen™ is ECO-Certified Composite Certified 100% recycled pre-consumer fiber**
Materials & Resources MR 5.1	Use products that have been extracted, harvested, or recovered, as well as manufactured, within 500 mile radius for a minimum of 10% of total materials	1 point	Boise Evergreen™ is manufactured in La Grande, OR and may contribute to points based on proximity of the project
Materials & Resources MR 5.2	Use products that have been extracted, harvested, or recovered, as well as manufactured, within 500 mile radius for an additional 10% beyond MR Credit 5.1 (total of 20%) of the total material value	1 point	Boise Evergreen™ wood fiber is recovered near the manufacturing facility in La Grande, OR and may contribute to points based on the proximity of the project
Material & Resources MR 7	<ul style="list-style-type: none"> • 100% of the forest products are from legal (non-controversial) sources, and • 70% from responsible sources, and • The remainder must be certified sources as evidenced by a chain of custody certification (CoC) 	1 point	Boise Evergreen™ is certified SFI® Chain of Custody

For more information regarding LEED® see www.usgbc.org



Boise Cascade
Particleboard

For more information, including sales terms and conditions, visit our website at: www.bc.com/particleboard
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Phone: 888-264-7372

