

Boise Evergreen™

Engineering Environmental Sustainability...

- 100% recycled fiber
- No added urea-formaldehyde
- SFI® Certified & EPP™ Certified
- 5 LEED® Credits supported
- Moisture Resistant (MR)

For more information, please contact one of our sales professionals at 888-264-7372 www.bc.com/particleboard



Boise Cascade

Boise Evergreen™

CARB Phase 1 Certified

| LEED Category | Requirements | Potential Credits/ points | Boise Advantages |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Indoor Environmental Quality IEQ 4.4 | Composite wood products used on the interior of the building shall contain no added urea-formaldehyde resins | 1 point | Boise Evergreen has no urea-formaldehyde added during the manufacturing process |
| Materials & Resources MR 4.1 | Materials with recycled content constitutes at least 10% of the materials in the project | 1 point | Boise Evergreen is EPP™ certified 100% pre-consumer recycled 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 EPP™ certified 100% pre-consumer recycled 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 |

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

Thickness Range

3/8" through 1-1/4" or 9 mm through 30 mm

Description

An engineered composite panel wood product made from 100% pre-consumer and reclaimed 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 employs the strictest of green practices in the manufacture of its premium particleboard. Our fiber procurement system champions Sustainable Forestry Initiative (SFI®) standards, and our finished panel embodies an Environmentally Preferred Product (EPP™). Boise Evergreen™ features industry-leading quality and physical properties, comprises 100% recycled or reclaimed fiber, and carries no added urea-formaldehyde. In addition, Boise Evergreen™ is MR (moisture resistant) when tested to ASTM D 1037.

| Boise Evergreen™ Specifications Average | Imperial | Metric |
|-----------------------------------------|-------------------------|-------------------------|
| Density | 45.0 lb/ft ³ | 0.721 g/cm ³ |
| Modulus of Rupture | 2150 psi | 14.83 N/mm ² |
| Modulus of Elasticity | 390,000 psi | 2,689 N/mm ² |
| Internal Bond | 120 psi | 0.827 N/mm ² |
| Screw Holding - Face | 260 lbs | 1,157 N |
| Screw Holding - Edge | 202 lbs | 898.54 N |
| Surface Strength | 350 psi | 2.41 N/mm ² |
| Hardness | 900 lbs | 4,003 N |
| Linear Expansion - Maximum* | 0.35% | 0.35% |
| Water Absorption - Maximum* | <10% | <10% |
| Thickness Swell ≤ 9/16 | 0.030 inches | 0.762 mm |
| ≥ 9/16 | ≥ 5% | |
| Moisture Content | 7% | 6.8% |
| Sanding | 100 grit | - |

*ASTM D 1037 (24 hr. water submersion)

Physical and Mechanical Properties are averages of normal product runs



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

www.bc.com/particleboard

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888-264-7372



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SOURCING

PROMOTING SUSTAINABLE
FOREST MANAGEMENT
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