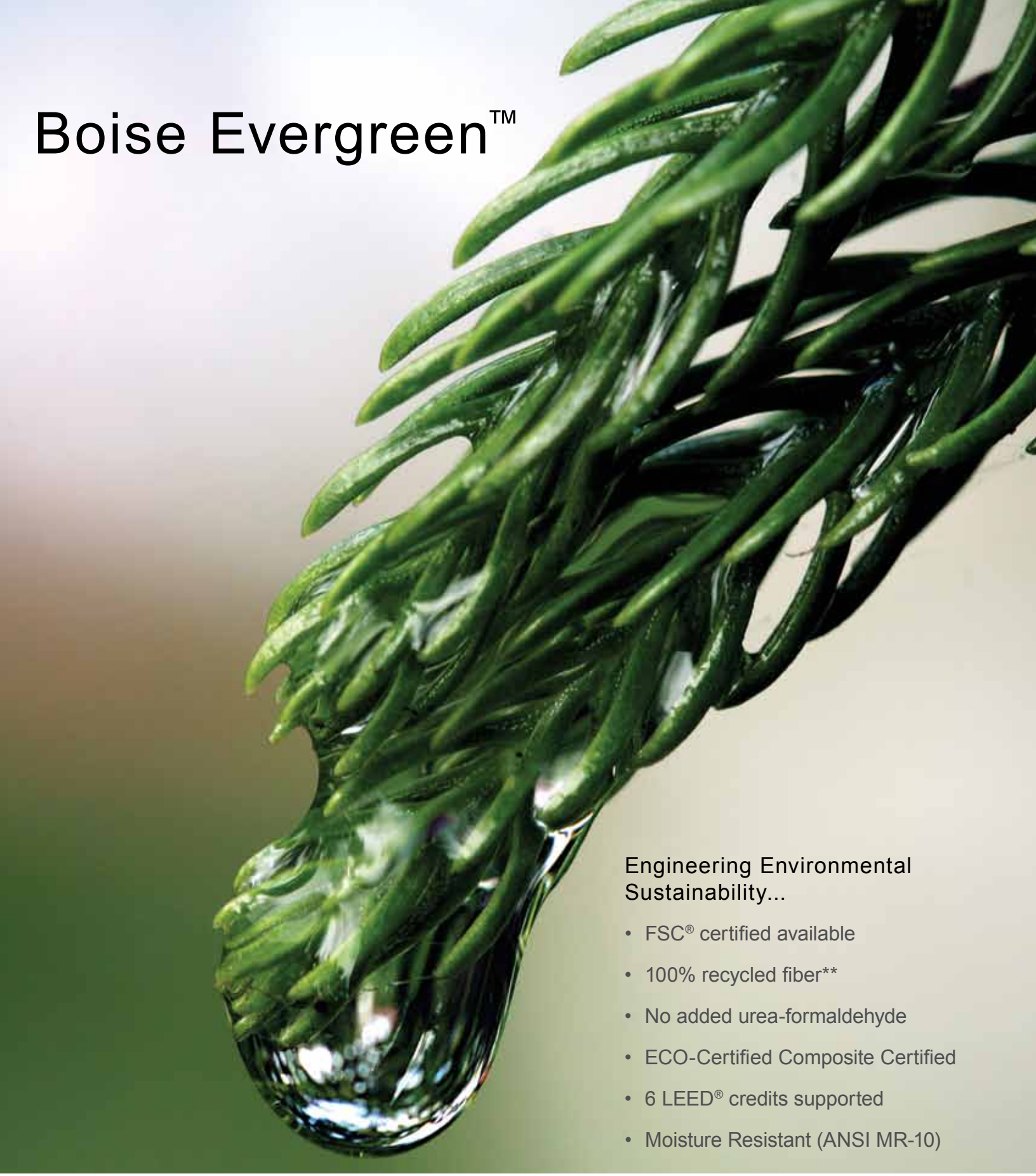
# Boise Evergreen™



Engineering Environmental Sustainability...

- FSC® certified available
- 100% recycled fiber**
- No added urea-formaldehyde
- ECO-Certified Composite Certified
- 6 LEED® credits supported
- Moisture Resistant (ANSI MR-10)

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

**Boise Cascade**

# Boise Evergreen™

## CARB Phase 2

| LEED® Category | Requirements | Potential Credits/ points | Boise Cascade 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 ECO-Certified Composite Certified 100% 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 ECO-Certified Composite Certified 100% 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 |
| Materials & Resources MR 7 | Certified Wood, based on 50% (min) of all wood must be Forest Stewardship Council® Certified. | 1 point | Boise Evergreen™ is available FSC® certified, mixed credit |

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% 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 Forest Stewardship Council® (FSC) standards and our finished panel embodies an ECO-Certified Composite Certified (ECC). Boise Evergreen™ features industry-leading quality and physical properties, comprises 100% recycled fiber, and carries no added urea-formaldehyde. In addition, Boise Evergreen™ is MR10 (moisture resistant) and 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$^3$ |
| 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 | ≤ 5.5% | ≤ 5.5% |
| Moisture Content | 7% | 6.8% |
| Sanding | 100 grit | - |

*ASTM D 1037-06a (24 hr. water submersion)
Physical and Mechanical Properties are averages of normal product runs
**100% recycle fiber refers to ECO-Certified Composite (ECC) Sustainability Standard CPA 4-11 Oct 2011

Boise Cascade

SUSTAINABLE USE OF WOOD FIBER
Meets Composite Panel Assn Standard 4-11
ECO-CERTIFIED
ECCproduct.org

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

**www.bc.com/particleboard**

TWParticleboardSales@BC.com

888-264-7372

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The mark of responsible forestry

Please look for FSC certified products

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