

**WOODGRAIN EVERGREEN IS FORMULATED WITH AN ULTRA-LOW-EMITTING-FORMALDEHYDE (ULEF) RESIN SYSTEM. WOODGRAIN EVERGREEN USES THE STRICTEST OF GREEN PRACTICES TO CREATE INDUSTRY LEADING QUALITY. COMPRISED OF 100% RECYCLED FIBERS. OUR FINISHED PANEL MEETS ECO-CERTIFIED COMPOSITE CERTIFIED (ECC) STANDARDS. ENGINEERED FOR INTERIOR USE ONLY.**

### 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

Physical and Mechanical Properties are averages of all thicknesses from normal product runs.

### THICKNESS RANGE

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

MANUFACTURING STANDARDS: AVERAGE	IMPERIAL	METRIC
Density	45 lb/ft <sup>3</sup>	0.721 g/cm <sup>3</sup>
Internal Bond	100 psi	0.689 N/ mm <sup>2</sup>
Screw Hold - Face	260 lbs	1,157 N
Screw Hold - Edge	200 lbs	889.64 N
Formaldehyde, Emissions (TSCA Title VI)	< 0.04 ppm	< 0.04 ppm
Linear Expansion - Maximum	0.35%	0.35%
Water Absorption - Maximum	20%	20%
Moisture Content	7%	7%
Sanding	120 grit	-

### WOODGRAIN PARTICLEBOARD COMPLIES WITH:

EPA TSCA Title VI, HUD 24 CFR 3280, CCR 93120 CARB ATCM Phase 2, CAN/CSA-0160-16 (Formaldehyde Emissions)  
 ECC CPA 4-11 (Sustainability); ANSI A208.1 2016 (Physical Properties)  
 Flame spread rating is class C (International Code Council – International Fire Code® and National Fire Protection Association 101 Life Safety Code®) as tested to ASTM E84 and CAN/ULC-S102-10.

LEED V2009 Credits	EVERGREEN™ ADVANTAGES	POTENTIAL POINTS
IEQc4.4 - Low Emitting Materials - Composite Wood and Agrifiber Products	Meets requirements for Ultra-Low Emitting Formaldehyde (ULEF)	1
MRc4 - 4.1, 4.2 - Recycled Content	ECO-Certified Composite Certified 100% Recycled preconsumer Wood Fiber	2
MRc5 - 5.1, 5.2 - Proximity of the Project	Manufactured in La Grande, OR; wood fiber is recovered near the manufacturing facility - may contribute to points based on proximity of project.	2

LEED V4 FOR HOMES DESIGN AND CONSTRUCTION CREDITS	EVERGREEN™ ADVANTAGES	POTENTIAL POINTS
MRc4 Option 1 - Local Production	Manufactured in La Grande, OR; wood fiber is recovered near the manufacturing facility - may contribute to points based on proximity of project.	4

LEED V4 FOR BUILDING DESIGN AND CONSTRUCTION CREDITS	EVERGREEN™ ADVANTAGES	POTENTIAL POINTS
MRc5 Option 1 - Environmental Product Declaration	A life-cycle analysis of particleboard can be found on <a href="http://www.corrim.org">www.corrim.org</a>	1
EQc5 - Low-Emitting Materials	Particleboard meets CARB ULEF emission requirements	unk

FOR MORE INFORMATION REGARDING LEED® VISIT: [WWW.USGBC.ORG](http://WWW.USGBC.ORG)

For more information, including sales terms and conditions:  
 Visit our website: [Woodgrain.com](http://Woodgrain.com)  
 Send us an Email: [ParticleboardSales@Woodgrain.com](mailto:ParticleboardSales@Woodgrain.com)  
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