



Benefits

SkyBlend® is Roseburg’s renowned 100% recycled or recovered wood fiber particleboard engineered to meet today’s green building requirements. It is produced with an ultra low emitting formaldehyde (ULEF) resin system. SkyBlend is available FSC® certified and can contribute to achieving credit in support of both the LEED® v2009 and LEED v4 standards. SkyBlend is listed in the USDA’s BioPreferred catalog and has Federal Procurement Preference status.

SkyBlend is a premium-quality, mat-formed, multilayer wood composite particle panel and is available as raw board or can be specified as a core for Roseburg Duramine® thermally fused laminate panels, UltraFinish panels, shelving and SkyPly® hardwood plywood.

Properties

Listed below are physical and mechanical properties for Roseburg’s SkyBlend composite panels. Mechanical properties are results of tests conducted in accordance with ASTM D 1037-12, “Standard Test Methods for Evaluating the Properties of Wood-Based Fiber and Particle Panel Materials.”

	Density (pcf)	MOR (psi)	MOE (psi)	Internal Bond (psi)	Screw-holding	
					Face (lbs)	Edge (lbs)
SkyBlend produced at Dillard, OR	48	2,100	400,000	75	250	200
SkyBlend produced at Taylorsville, MS	50	1,900	350,000	80	250	200

Values represent target averages for typical 3/4” thickness production. Customer specified grades are available and subject to minimum order quantities.

Dimensional Tolerances

Length and Width	± 0.080”
Thickness: Panel average from specified Variance from panel average	± 0.008” ± 0.004”
Squareness	± 0.036” per foot of panel width

Other Data

Lineal Expansion 50% to 80% range	0.40% (U95%)
Flame Spread Rating	Class III or C
Moisture Resistance Category MR-10 (Dillard, OR and Taylorsville, MS locations only)	5.5% Max. Thickness Swell

LEED® credit contribution potential:

SkyBlend Attribute	LEED 2009 Credit Category	LEED V4 Credits Category
CARB approved ULEF resin systems	EQc4.4 - Low emitting materials	Low emitting materials: Composite Wood Evaluation
Certified 100% recycled/recovered wood fiber	MRc4 - Recycled Content	Building product disclosure and optimization – Sourcing of raw materials
SkyBlend manufacturing facilities in 2 states	MRc5 - Regional Materials	Building product disclosure and optimization – Sourcing of raw materials
Available FSC certified	MRc7 - Certified Wood	Building product disclosure and optimization – Sourcing of raw materials

*note – LEED Credit categories referenced are from the “New Construction” rating system. Other rating system credits can be supported with these noted SkyBlend attributes.

Certifications/Sustainability

- **CARB Air Toxic Control Measure:** Complies with CARB ATCM 93120 ULEF Exemption for Formaldehyde Emission Limits. Conforms to formaldehyde emission requirements for particleboard in ANSI A208.1-2016.
- **ECC – Eco-Certified Composite Panel:** Third-party certified to meet requirements of the Eco-Certified Composite (ECC) Sustainability Standard CPA 4-11. Standard requires compliance to specifically defined environmental criteria in the fiber sourcing and manufacturing process for composite panels.
- **Carbon footprint:** Roseburg facilities producing SkyBlend particleboard have completed third-party certified, cradle-to-gate analysis showing the products carbon storage capacity offsets its carbon footprint as determined in kg-CO2 equivalents of greenhouse gas (GHG) emissions.
- **Recycled / recovered fiber content:** Roseburg composite panel plants are third-party certified to source 100% recycled and/or recovered wood fiber in accordance with ISO 14021.
- **FSC – Forest Stewardship Council Certification (SCS-COC-000300):** Roseburg facilities are certified to provide product with a FSC Mix Credit claim. FSC certified product must be specified at time of order placement and is subject to credit availability.
- **Bio-based renewable materials:** Roseburg SkyBlend particleboard and SkyBlend Duramine laminated panels are listed in the USDA’s BioPreferred catalog and have Federal Procurement Preference status.



www.Roseburg.com



FSC Certified Mix Credit particleboard available.



SkyBlend particleboard is intended for interior, non-structural applications only.

Dillard, OR and Missoula, MT Sales: TF 800.245.1115 FX 541.679.2543

Taylorsville, MS Sales: TF 866.387.2646 FX 678.474.1258

