



UltraBlend®
Particleboard
Missoula, MT

Benefits

UltraBlend® panels are a premium-quality, mat-formed, multilayer wood particle panel, made of predominantly, precision refined wood particles bonded with thermosetting resins. Roseburg offers its UltraBlend panels with a high-quality smooth surface, tight machinable edges and excellent dimensional stability. UltraBlend engineered panels offer controlled performance and precise physical

properties for commercial and industrial applications such as: cabinets, fixtures, furniture components and countertops. Featuring a highly refined surface, and tight, uniform core, UltraBlend particleboard panels are designed for the demanding laminating and edge machining applications of today’s precision woodworking industry.

Properties

Listed below are physical and mechanical properties for Roseburg specified grades. Mechanical properties are results of tests conducted in accordance with ASTM D 1037-06a, “Standard Test

Methods for Evaluating the Properties of Wood-Based Fiber and Particle Panel Materials.”

| | Density Range (pcf) | MOR (psi) | MOE (psi) | Internal Bond (psi) | Screw-holding | |
|-------------------|---------------------|-----------|-----------|---------------------|---------------|------------|
| | | | | | Face (lbs) | Edge (lbs) |
| “UltraBlend Plus” | 44-46 | 1,900 | 380,000 | 80 | 250 | 180 |
| “UltraBlend” | 42-44 | 1,700 | 325,000 | 65 | 225 | 150 |
| “UltraBlend Lite” | 40-42 | 1,500 | 275,000 | 55 | 170 | 125 |

Values represent averages for typical production Customer or ANSI Grade specified products 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% (max) |
| Flame Spread Rating | Class III or C |

Certifications

- **CARB Air Toxic Control Measure:** Third party certified (California ARB approved TPC-1) to comply with CCR 93120.2 (CARB Composite Wood ATCM). Also, conforms to Formaldehyde emission requirements for particleboard in ANSI A208.1-2009
- **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 mills producing UltraBlend panels have completed (3rd 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:** Misoula Particleboard is third party certified to source 100% recycled and/or recovered wood fiber for the manufacture of particleboard.
- **FSC – Forest Stewardship Council Certification (SCS-COC-000300):** Misoula is certified to provide product with a FSC Mix Credit claim. FSC product must be specified at time of order placement and is subject to credit availability.
- **Bio-based Renewable Materials:** Roseburg UltraBlend Particleboard and Duramine laminated panels are listed in the USDA’s Bio-Preferred catalog and have Federal Procurement Preference status.



The mark of responsible forestry

FSC Certified Mixed Credit particleboard available.



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