

Roseburg UltraBlend

Particleboard

COMPOSITE WESTERN SOFTWOODS PARTICLE PANEL WITH SUPERIOR
LAMINATION AND MACHINING CHARACTERISTICS

TECHNICAL DATA	ULTRABLEND	ULTRABLEND PLUS
Widths	4 & 5 ft	4 & 5 ft
Lengths	up to 12 ft	up to 12 ft
Thicknesses	$\frac{5}{8}$ - $\frac{3}{4}$ in	$\frac{1}{2}$ - $1\frac{1}{8}$ in
Density	44 lbs/ft ³	46 lbs/ft ³
Internal Bond	65 psi	80 psi
Modulus of Rupture/MOR	1,600 psi	1,900 psi
Modulus of Elasticity/MOE	325,000 psi	400,000 psi
Screw Holding – Face	225 lbs	250 lbs
Screw Holding – Edge	160 lbs	180 lbs
Linear Expansion	0.40%	
Flame Spread Rating	Class C (3)	
Dimensional Tolerances:		
Length/Width	±0.080 in	
Squareness	±0.036 in/ft	
Thickness – panel average from specified	±0.008 in	
Thickness – variance from panel average	±0.004 in	
<small>Values represent target averages for typical 3/4" thickness. Mechanical properties are tested in accordance with ASTM D1037. Customer or ANSI Grade specified products are available by request and subject to minimum order quantities.</small>		

STANDARDS & CERTIFICATIONS

Roseburg UltraBlend and UltraBlend Plus Particleboard is tested and certified to meet or exceed the following standards and certifications.

**ANSI A208.1
American National Standard – Particleboard for Interior Applications**

✓ Meets or exceeds general requirements of ANSI A208.1

**Formaldehyde Emissions Regulations
Third party certified (TPC-1) to meet the requirements of:**

✓ EPA Formaldehyde Emission Regulation, TSCA Title VI*

✓ Standards Council of Canada Formaldehyde Emissions Standard for Composite Wood Products – CAN/CSA 0160-16*

✓ California Air Resources Board (CARB) ATCM 93120*

Recycled Content

✓ 90% pre-consumer recycled content in accordance with ISO 14021 requirements*

Forest Stewardship Council®

✓ Scientific Certification Systems Certified (SCS-COC/CW-00300) – FSC-C017580
FSC® Mix and FSC® Controlled Wood - AVAILABLE OPTION*

Environmental Product Declaration

✓ Type III Product Specific EPD verified by UL Environment

Eco-Certified Composite Grademark Program

✓ CPA 4-11 ECC Sustainability Standard*

*Certificates and documentation available at Roseburg.com

GREEN BUILDING SUPPORT:

For LEED® and other green building support documentation, visit

Roseburg.com/Product/ultrablend-particleboard/



3660 Gateway Street, Springfield 97477
Roseburg.com / 800.245.1115

WE ARE FOCUSED ON

Quality

Roseburg is the **largest producer** of particleboard panels in North America with a capacity exceeding one billion feet per year. We produce a **broad selection** of panels. All of Roseburg's particleboard plants are ECC and FSC® chain-of-custody certified.



Overview

UltraBlend panels are a premium-quality, mat-formed, multi-layer, composite wood particle panel, made predominantly of precision-refined pine particles that are bonded with low emitting thermosetting resins. Roseburg offers 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 industrial applications. Featuring refined surface finishes with various core components, UltraBlend particleboard panels are designed for laminating, demanding edge applications and machining.

Certifications

FSC® Certification (SCS-COC-000300)



Roseburg composites mills are certified to provide FSC Mix Credit Certified product. FSC product must be specified at time of order placement and is subject to credit availability.

CARB Air Toxic Control Measure

Third party certified (California ARB approved TPC-1) to comply with CCR 93120.2 (CARB Composite Wood ATCM). 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.

Recycled/recovered fiber content

Roseburg composites mills are third party certified to source 100% recycled and/or recovered wood fiber in accordance with ISO 14021 requirements.

Carbon footprint

Roseburg mills producing UltraBlend panels 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.

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.

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

Features

- Made from 100% recycled or recovered fiber
- Meets the Composite Panel Associations ECC specification
- Meets or exceeds ANSI standard A208.1-2009
- Designed for laminating
- High-quality, smooth surface
- Tight, machinable edges
- Excellent dimensional stability
- FSC® Certified UltraBlend available
- ESP - Enhanced Service Program available
- LEED® 2009 and v4 Credit Support

Manufacturing Locations

- Taylorsville, MS
- Dillard, OR
- Simsboro, LA
- Missoula, MT

