

SkyBlend®

PARTICLEBOARD

DILLARD, OR • MISSOULA, MT • TAYLORSVILLE, MS

TECHNICAL DATA	DILLARD	MISSOULA	TAYLORSVILLE
Widths	4 & 5 ft	4 & 5 ft	4 & 5 ft
Lengths	up to 12 ft	up to 12 ft	up to 12 ft
Thicknesses	3/8 – 1-1/8 in	1/2 – 1-1/8 in	1/2 – 1-1/8 in
Density	47 lbs/ft ³	46 lbs/ft ³	50 lbs/ft ³
Internal Bond	80 psi	80 psi	80 psi
Modulus of Rupture/MOR	2,100 psi	1,900 psi	1,900 psi
Modulus of Elasticity/MOE	400,000 psi	400,000 psi	350,000 psi
Screw Holding – Face	250 lbs	250 lbs	250 lbs
Screw Holding – Edge	200 lbs	180 lbs	200 lbs
Thickness Swell	≤ 5.5%	≤ 8.0%	≤ 5.5%
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		

Values represent averages for 3/4" panels. Mechanical properties are tested in accordance with ASTM D1037.

Customer-specified grades are available by request and subject to minimum order quantities.

SkyBlend® is also available from our Dillard, OR location in door core grades and sizes.

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Composite wood particleboard panel produced with ultra low emitting formaldehyde (ULEF) resin system.

COMMON APPLICATIONS

- Cabinets
- Furniture
- Shelving
- Countertops
- Laminating
- Door core
- Green building projects seeking low-emitting materials

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STANDARDS & CERTIFICATIONS

Roseburg SkyBlend 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
- ✓ Meets Grade MR10 moisture resistance (Dillard, OR and Taylorsville, MS only)

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

- ✓ EPA Formaldehyde Emission Regulation, TSCA Title VI*
- ✓ Ultra Low Emitting Formaldehyde (ULEF) Exempt - State of California Executive Orders:
N-19-155 (Dillard, OR)
N-18-319 (Missoula, MT)
N-19-149 (Taylorsville, MS)

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 Certified by UL Environment*

Eco-Certified Composite Grademark Program

- ✓ CPA 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/skyblend-particleboard



3660 Gateway St, Springfield, OR 97477
800.245.1115 | roseburg.com



SKYBLEND 08282020