

## Particleboard



# SkyBlend Particleboard

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# SkyBlend Particleboard Panels

Overview :

Roseburg SkyBlend Particleboard is a specified green particleboard panel. It is EPP certified to be 100% recycled wood fiber particleboard and has No Urea Formaldehyde added during the manufacturing process. The panel is a multi-layered substrate produced using a blend of wood fibers and particles that deliver the most desirable properties of each species. It is sanded to an extremely smooth, tight, and grainless surface on both sides. The core has a controlled distribution pattern of particles that creates the perfect dimensionally stable panel. Roseburg SkyBlend is engineered to the highest quality standards providing customers with the most desired properties. SkyBlend particleboard is available as raw board or can be specified as a core for mixed loads of Roseburg Duramine Melamine Panels, Hardwood Panels, Durashelf Melamine Shelving, Pre-Finished Light (Low) Basis Wt. Paper Overlaid Panels, Pre-Finished Vinyl Overlaid Panels, Pre-Finished UV Clear-Coated Panels and Pre-Finished Painted Panels. Available in industrial grade only.

Specifications :

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|                           |              |
|---------------------------|--------------|
| Density                   | 47 - 50 lbs. |
| Length & Width Tolerances | +/- 0.080"   |
| Thickness Tolerances:     |              |
| Panel Avg. from Specified | +/- 0.008"   |
| Var. from Panel Average   | +/- 0.004"   |
| MOR (L5%)                 | 1885 psi     |
| MOE (L5%)                 | 290,100 psi  |

|  |          |
|--|----------|
| IB (L5%)   | 58 psi   |
| Hardness   | 500 lbs. |
| Face Screw Holding (L5%)   | 202 lbs. |
| Edge Screw Holding (L5%)   | 180 lbs. |
| LE max. avg. (U95%)  | % 0.40   |
| Moisture Resistant Category MR-10: Thickness Swell Max. = 5.5% (Dillard, OR and Taylorsville, MS mills only) |          |

- Typical results of tests conducted using procedures outlined in ASTM D-1037.
- Sanded to 100 grit.
- SkyBlend Industrial Particleboard meets or exceeds the requirements of ANSI A208.1-2009 Grade M2.

AVAILABLE THICKNESSES, SIZES and UNIT PIECE COUNT

Dillard OR and/or Missoula MT

|      |         |    |        |                            |    |
|------|---------|----|--------|----------------------------|----|
| 1/2" | 49 x 97 | 64 | 11/16" | 49 x 97                    | 46 |
| 5/8" | 49 x 97 | 50 | 3/4"   | 49 x 97, 61 x 97, 61 x 121 | 42 |
|      |         |    | 1"     | 49 x 97                    | 32 |
|      |         |    | 1-1/8" | 49 x 97, 61 x 97, 61 x 121 | 30 |

Southern Plants

|      |          |    |        |                   |    |
|------|----------|----|--------|-------------------|----|
| 1/2" | 49 x 97  | 50 | 5/8"   | 61 x 97, 61 x 109 | 40 |
| 1/2" | 61 x 97  | 60 | 3/4"   | 49 x 97           | 38 |
| 1/2" | 61 x 109 | 48 | 3/4"   | 61 x 97, 61 x 109 | 32 |
| 5/8" | 49 x 97  | 46 | 1-1/8" | 61 x 97, 61 x 109 | 30 |

- Custom sizes may be available subject to minimum order quantities and press utilization.

LEED Credits :

| LEED CATEGORY/CREDIT  | INTENT   | REQUIREMENTS  | POSSIBLE POINTS                        |
|---|--|---|--|
| Materials and Resources MR Credit 4.1 Recycled Content: 10% (post+ 1/2 pre-consumer)                  | Increases the use of products that incorporate recycled content material                     | Sum of recycled content constitutes at least 10% of materials in the project  | 1 point                                |
| Materials and Resources MR Credit 4.2 Recycled Content: 20% (post+ 1/2 pre-consumer)                  | Increases the use of products that incorporate recycled content material                     | Sum of recycled content constitutes at least 20% of materials in the project  | 1 point (in addition to MR credit 4.1) |
| Indoor Environmental Quality EQ Credit 4.4: Low-Emitting Materials                                    | Improves indoor air quality  | Wood products used shall contain no added urea-formaldehyde resins  | 1 point                                |
| Materials and Resources MR 5.1 Regional Materials: 10% Extracted, Processed & Manufactured Regionally | Increases the use of materials that are extracted and manufactured within the project region | A min. of 10% of the combined value of building materials or products must be extracted, harvested, or recovered, as well as manufactured within 500 miles of the project                   | 1 point                                |
| Materials and Resources MR 5.2 Regional Materials: 20% Extracted, Processed & Manufactured Regionally | Increases the use of materials that are extracted and manufactured within the project region | A min. of 20% of the combined value of building materials or products must be extracted, harvested, or recovered, as well as manufactured within 500 miles of the project                   | 1 point (in addition to MR credit 5.1) |
| Materials and Resources MR Credit 7.0: Certified Wood FSC - Forest Stewardship Council                | Encourage environmentally responsible forest management                                      | Use a minimum of 50% wood based materials and products, which are certified in accordance with the Forest Stewardship Council's (FSC) Principles and Criteria, for wood building components | 1 point                                |

Key Advantages :

- FSC Certified SkyBlend available.
- Core is tinted blue, making the product readily identifiable in the field.
- No Added Urea Formaldehyde (NAUF).
- May contribute to achieving LEED credits.
- Made from 100% recycled fiber content (fiber basis).
- EPP - Environmentally Preferable Product.
- Meet or exceed ANSI standard A208.1-2009.
- Designed for laminating.
- High-quality smooth surface.
- Tight machinable edges.
- Excellent dimensional stability.
- **Meets CARB Phase 2**

Manufacturing Locations :

|                 | SkyBlend Particleboard | SkyBlend FSC Particleboard |
|-----------------|------------------------|----------------------------|
| Dillard, OR     | X                      | X                          |
| Missoula, MT    | X                      | X                          |
| Southern Plants | X                      | X                          |



Dillard, OR and Missoula, MT Sales: **TF** 800.245.1115 **FX** 541.679.2543  
 Southern Plants Sales: **TF** 866.387.2646 **FX** 678.474.1258

