



VESTA™ | ultra low emitting (ULEF) particleboard



THE ULEF RESIN OPTION

VESTA™ is a specialty particleboard panel produced using a ULEF resin process and 100% recycled and/or recovered wood material.

This ECC™ (Eco-Certified Composite) certified particleboard qualifies for ULEF project requirements and may contribute to LEED points.

Available raw or TFM finished, it's the perfect choice for VESTA™ specified cabinets, countertops, fixtures and furniture products.

VESTA™ Particleboard Specification (Bennettsville, SC; Albany, OR)

Grade	VESTA™ Particleboard
Thickness (in)*	$\frac{3}{8}$ - $1\frac{1}{2}$
Specification	ANSI M-2**
Density (pcf)	44 - 46
MOR (psi)	1,885
MOE (psi)	290,100
Internal Bond (psi)	58
Face Screw Hold (lb)	202
Edge Screw Hold (lb)	180
Linear Expansion (%)	0.40
Thickness Tolerance (in)	+/- 0.005
Length and Width (in)	+/- $\frac{1}{16}$
Squareness (in)	+/- $\frac{1}{8}$

* Metric thickness available. The above properties are based on averages of normal production. Testing for conformance to the above specifications must be done in accordance with procedures in the American National Standard for Particleboard (ANSI A208.1-2009).

** M-3 Grade available upon request.

Flakeboard particleboard is manufactured to strict quality control standards with recycled and recovered wood fiber. These products may contribute towards specific credits under the US Green Building Council (USGBC) Leadership in Energy & Environmental Design (LEED) criteria.

Information for Qualifying LEED Credits

LEED Category ¹	Possible Points/Credits	Intent
MR 4 Recycled Content: (post + 1/2 pre-consumer) ²	10%, 1 point 20%, 2 points	Increase the use of building products that contain recycled content material
MR 5 Regional Materials: Extracted, Processed & Manufactured Regionally	10%, 1 point 20%, 2 points	Increase the use of building products that are extracted and manufactured within the project region
MR 7 Certified Wood: Materials and Resources	1 point	Encourage environmentally responsible forest management
IEQ 4.4 Low-emitting Materials: Composite Wood & Agrifiber Products	1 point	Reduce indoor air contaminants and improve indoor air quality

¹ Source: LEED Green Building Rating System for New Construction & Major Renovations, Version 3. For additional LEED information, visit www.usgbc.org.

² ECC Certified. For additional ECC information, visit www.decorativesurfaces.org/cpa-green/

- Look for FSC® certified products
- Product suitability for a particular application is the responsibility of the fabricator or end user
- Complies with FCC 4-11, ANSI A208.1-2009, HUD 24 CFR, and CARB ATCM 93120 Formaldehyde Emission Limits
- Material Safety Data Sheets are available upon request
- All panels are approved for use in interior, non-structural applications
- Contains 100% Recycled/Recovered Wood Content

CALIFORNIA PROPOSITION 65 REQUIREMENT

Warning: Drilling, sawing, sanding or machining wood products generates wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection.



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www.flakeboard.com 1.800.268.9830

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