



VESTA | no added urea-formaldehyde resin particleboard



THE NO ADDED UREA-FORMALDEHYDE RESIN OPTION

VESTA is a specialty particleboard panel produced using a no added urea-formaldehyde resin process and 100% recycled and/or recovered (pre-consumer) wood material.

This EPP (Environmentally Preferable Product) certified particleboard meets the MR10 requirements for moisture resistance* as stated in ANSI A208.2-2002, qualifies for no added U-F resin 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 (St. Stephen, NB; Albany, OR; Bennettsville, SC; Simsboro, LA)^Δ

Grade	VESTA Particleboard
Thickness (in)*	1/4 - 1 1/2**
Specification	ANSI M-2***
Density (pcf)	41 - 42 St. Stephen, 45 - 47 Albany, 42 - 44 Bennettsville, 44 - 46 Simsboro
MOR (psi)	1,800 - 1,885
MOE (psi)	290,100 - 325,000
Internal Bond (psi)	58 - 85
Face Screw Hold (lb)	225
Edge Screw Hold (lb)	180 - 200
Linear Expansion (%)	0.40
Thickness Tolerance (in)	+/- .005
Length and Width (in)	+/- 1/16
Squareness (in)	+/- 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-).

** Please contact your Sales Representative for thickness standards and availability.

*** M-3 Grade available upon request.

• According to ASTM D 1038 (24 hour water submersion) for thicknesses ≥ 5/8".

Δ Request mill specific values.

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 4.1 Recycled Content: 10% (post + 1/2 pre-consumer) ²	1 point	Increase the use of building products that contain recycled content material
MR 4.2 Recycled Content: 20% (post + 1/2 pre-consumer) ²	1 point added to 4.1	Increase the use of building products that contain recycled content material
MR 5.1 Regional Materials: 10% Extracted, Processed & Manufactured Regionally ³	1 point	Increase the use of building products that are extracted and manufactured within the project region
MR 5.2 Regional Materials: 20% Extracted, Processed & Manufactured Regionally ³	1 point added to 5.1	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 2.2. For additional LEED information, visit www.usgbc.org.

² EPP Certified. For additional EPP information, visit www.pbmdf.com

³ Plant locations: St. Stephen, NB; Albany, OR; Bennettsville, SC

- Complies with CPA EPPS 3-08 and CCR 93120.2(a) (CARB Composite Wood ATCM Phase 1 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
- Conforms to formaldehyde emission requirements for particleboard in ANSI A208.1-2009 Table B and HUD 24 CFR Part 3280



The mark of responsible forestry
SW-COC-000444
© 1996 FSC
Bennettsville, SC; Albany, OR Only



CPA-3-08 Specification
California ARB Approved
Third Party Certifier TPC-1



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www.flakeboard.com 1.800.268.9830