



VESTA™ | ultra low emitting (ULEF) MDF

passion
for panels®

THE ULEF RESIN OPTION

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

This ECCTM (Eco-Certified Composite) certified, 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™ MDF Specification (Bennettsville, SC; Malvern, AR)^A

Grade	VESTA™ MDF	
Thickness Range (in)*	1/2 - 1	>1 - 1 1/4
Average MOR (psi)	3,000 - 3,500	3,000 - 3,500
Average MOE (psi)	300,000 - 350,000	300,000 - 350,000
Average Internal Bond (psi)	105	95
Face Screw Hold (lb)	290 - 300	275 - 290
Edge Screw Hold (lb)	250 (≥ 5/8 N/A)	225
Thickness Swell** ≤ 9/16	0.04*	0.04*
≥ 9/16	5.5%	5.5%
Thickness Tolerance (in)	+/- 0.005	+/- 0.005
Length and Width (in)	+/- 1/16	+/- 1/16
Squareness (in)	1/8	1/8

* Metric thickness available. The above physical properties are based on minimum allowable averages of individual production lots. Testing for conformance to the above specifications must be done in accordance with procedures described in the American National Standard for Medium Density Fiberboard (ANSI 208.2-2002). ** 24-hour soak average % meets or exceeds ANSI MR10.

^A Request mill specific values.

Flakeboard MDF 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 ECC 4-11, ANSI A208.2-2009 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.



R20130920

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www.flakeboard.com 1.800.268.9830