



# VESTA MR | no added urea-formaldehyde resin particleboard



## THE NO ADDED UREA-FORMALDEHYDE RESIN OPTION

VESTA MR 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 ECC (Eco-Certified Composite) certified particleboard 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 MR specified cabinets, countertops, fixtures and furniture products requiring moisture resistance.

### VESTA MR Particleboard Specification (Albany, OR)<sup>A</sup>

| Grade                    | VESTA MR Particleboard |
|--------------------------|------------------------|
| Thickness (in)*          | 1/4 - 1 1/2**          |
| Specification            | ANSI M-3, ANSI MR10*** |
| Density (pcf)            | 46 - 49                |
| MOR (psi)                | 2,400                  |
| MOE (psi)                | 400,000                |
| Internal Bond (psi)      | 80                     |
| Face Screw Hold (lb)     | 250                    |
| Edge Screw Hold (lb)     | 225                    |
| Linear Expansion (%)     | 0.30                   |
| Thickness Swell          | ≤ 5.5%                 |
| Thickness Tolerance (in) | +/- 0.005              |
| 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 A208.1-1999).

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

\*\*\* According to ASTM D1037 (24hr water submersion).

<sup>A</sup> 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 <sup>1</sup>  | Possible Points/Credits       | Intent  |
|---|-------------------------------|---|
| MR 4 Recycled Content: (post + 1/2 pre-consumer) <sup>2</sup>           | 10%, 1 point<br>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<br>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                                       |

<sup>1</sup> Source: LEED Green Building Rating System for New Construction & Major Renovations, Version 3. For additional LEED information, visit [www.usgbc.org](http://www.usgbc.org).

<sup>2</sup> ECC Certified. For additional ECC information, visit [www.pbmdf.com](http://www.pbmdf.com)

- 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 A208.1-2009, HUD 24 CFR, and California 93120 Phase 2 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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