ULTRASTOCK®
MDF Panels

Versatile, Machinable, and Offering an NAF Designation

Whether you need an MDF panel that provides exceptional machinability, improved freight efficiency or a range of specialty application characteristics, specify UltraStock® medium density fiberboard products for outstanding performance and value.

In addition, UltraStock panels are manufactured using NAF resins. All product grades are CARB and TSCA Title VI compliant.

SELECT, PREMIUM, AND LITE GRADE CHOICES
Smooth and consistent, UltraStock Select and UltraStock Premium medium density fiberboard (MDF) panels are designed for outstanding machining and finishing. UltraStock Lite offers the additional benefit of reduced product weight to the mix.

ULTRASTOCK® MR AND ULTRASTOCK® FR
Engineered to meet the thickness swell and bond integrity criteria required for an MR50 designation, UltraStock MR also provides premium workability for applications subject to moisture exposure. When a UL-classified fire-resistant panel with low flame spread and smoke developed characteristics is required, choose UltraStock FR.

ULTRASTOCK® EMBOSSING, ULTRASTOCK® MOULDING
Produced with an optimized light weight and surface smoothness, UltraStock Embossing works especially well for heated, die-press applications and UltraStock Moulding provides excellent high-volume results for machining and shaping.

DIMENSIONS

UltraStock Select:
THICKNESSES: 1/4" - 1 1/8"
WIDTHS: To 5' LENGTHS: To 16'

UltraStock Premium:
THICKNESSES: 1/4" - 1 1/2"
WIDTHS: To 5' LENGTHS: To 16'

UltraStock Lite, UltraStock Embossing, UltraStock Moulding:
THICKNESSES: 3/8" - 3/4"
WIDTHS: To 5' LENGTHS: To 16'

UltraStock MR, UltraStock FR:
THICKNESSES: 1/4" - 1 1/2"
WIDTHS: To 5' LENGTHS: To 16'

APPLICATIONS
- Moulding and millwork
- Cabinets and fixtures
- Home and office furniture
- Laminate flooring
- Architectural wall panels
### PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th></th>
<th>ULTRASTOCK® SELECT</th>
<th>ULTRASTOCK® PREMIUM</th>
<th>ULTRASTOCK® MR (MR50)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min Panel Averages</td>
<td>1/4” to &lt; 1/2”</td>
<td>1/2” to 1 1/8”</td>
<td>&lt; 3/8”</td>
</tr>
<tr>
<td>MOR-Modulus of Rupture (psi)</td>
<td>4500</td>
<td>4550</td>
<td>4550</td>
</tr>
<tr>
<td>MOE-Modulus of Elasticity (kpsi)</td>
<td>450</td>
<td>405</td>
<td>405</td>
</tr>
<tr>
<td>IB-Internal Bond (psi)</td>
<td>120</td>
<td>120</td>
<td>110</td>
</tr>
<tr>
<td>Face Screw Holding Capacity (lbs)</td>
<td>270</td>
<td>270</td>
<td>235</td>
</tr>
<tr>
<td>Edge Screw Holding Capacity (lbs)</td>
<td>NA</td>
<td>250</td>
<td>NA</td>
</tr>
<tr>
<td>Formaldehyde Emissions</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>24-Hour Thickness Swell</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>

1. One panel minimum average per ANSI 208.2
2. Not applicable for thinner than 5/8”

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**TOLERANCES**

- **Length & Width:** ± 1/16” per panel
- **Squareness:** ± 1/64” per ft. of length
- **Straightness:** ± 1/64” per ft. of length
- **Thickness:** ± 0.005”
- **Thickess (panel to panel):** ± 0.005”

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**EPA TSCA, TITLE VI**

All UltraStock MDF is CARB and EPA TSCA Title VI compliant. This Product contains no Added Formaldehyde.

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**NFAC CERTIFICATION**

UltraStock MDF that is certified to conform to the requirements of Forest Stewardship Council® standards for FSC Mix Chain of Custody and Controlled Wood manufacturing is available by special order.

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**ENVIRONMENTAL CREDITS**

Refer to our website for current information regarding environmental credits and green rating system contributions.

**MR10 AND MR50**

Based on ANSI A208.2-2016 section 3.6, a summary of criteria for the MR10 and MR50 board designations are:

- **MR10:** Meets the 24-hour thickness swell test value of 5.5% or less.
- **MR50:** Meets the 24-hour thickness swell test value of 5.5% or less and the advanced bond value of 50% of original MOR after accelerated aging.