

Ultralight MDF Specifications



| MDF Properties (Imperial) | 12mm, 15mm, 18mm |
|------------------------------------|------------------|
| Density (pcf) | 31 |
| Internal Bond (psi) | 50 |
| MOR - Modulus of Rupture (psi) | 2,000 |
| MOE - Modulus of Elasticity (kpsi) | 200 |
| Thickness Tolerance (in) | ± 0.005 |
| Moisture Content (%) | 4 - 7 |

| MDF Properties (Metric) | 12mm, 15mm, 18mm |
|---|------------------|
| Density (kg/m ³) | 497 |
| Internal Bond (N/mm ²) | 0.34 |
| Modulus of Rupture (N/mm ²) | 13.8 |
| Modulus of Elasticity (N/mm ²) | 1,379 |
| Thickness Tolerance (mm) | ± 0.125 |
| Moisture Content (%) | 4 - 7 |

WestPine MDF Certification:

- Formaldehyde Emissions: No Added Formaldehyde (NAF) manufacturer of MDF (EPA TSCA Title VI, CARB ATCM 93120)
- Composite Panel Association: Eco-Certified Composite Program (ECC 4-19) and Formaldehyde Emissions Grademark Program (NAF)
- Scientific Certification Services: Recycled Content (SCS-MC-01443)
- Forest Stewardship Council: Standard for Chain of Custody Certification (FSC-STD-40-003 v2-1, FSC-STD-40-004 v3-0) and the Standard for Company Evaluation of FSC Controlled Wood (FSC-STD-40-005 v3-1)

Other Characteristics:

1. Standard finish on all panels is 150 grit.
2. Finished sizes:
Width: 45" to 62" Length: 72" to 205"
3. Third party testing:
 - 3.1 Surface Burning Characteristics: Verification shows that the samples tested being Class III or Class C in accordance with CAN/ULC-S102 and ASTM E-84.
 - 3.2 Linear Expansion: Verification shows that the samples tested meets the tolerance limits of ≤ 0.33% measured between 50-80% RH in accordance to ASTM D1037-12.
4. All physical property values represent the compiled average of quality assurance testing conducted at WestPine.
5. WestPine Ultralight MDF complies with ANSI A208.2–2016 using the prescribed test methods in ASTM D1037-12.
6. WestPine Ultralight MDF is manufactured from 100% western white softwoods. Appearance is a consistent light sandy color.



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 (2019)

