

# Ultralight MDF Specifications



MDF Properties (Imperial)	12mm, 15mm, 18mm
Density (pcf)	34
Internal Bond (psi)	65
MOR - Modulus of Rupture (psi)	2,500
MOE - Modulus of Elasticity (kpsi)	250
Thickness Tolerance (in)	± 0.005
Moisture Content (%)	4 - 7

MDF Properties (Metric)	12mm, 15mm, 18mm
Density (kg/m <sup>3</sup> )	545
Internal Bond ( N/mm <sup>2</sup> )	0.45
Modulus of Rupture ( N/mm <sup>2</sup> )	17.2
Modulus of Elasticity ( N/mm <sup>2</sup> )	1,724
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:

- Standard finish on all panels is 150 grit.
- Finished sizes:  
Width: 45" to 62" Length: 72" to 205"
- Third party testing:
  - 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.
  - 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.
- All physical property values represent the compiled average of quality assurance testing conducted at WestPine.
- WestPine Ultralight MDF complies with ANSI A208.2–2016 using the prescribed test methods in ASTM D1037-12.
- WestPine Ultralight MDF is manufactured from 100% western white softwoods. Appearance is a consistent light sandy color.



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