

EcoGold MDF Specifications



MDF Properties (Imperial)	0.098"	1/8"	3/16" - 1/4"	5/16" - 9/16"	5/8" - 3/4"
Density (pcf)	56.0	50.5	49.5	46.5	46.5
Internal Bond (psi)	160	130	135	130	130
MOR - Modulus of Rupture (psi)	5,500	4,500	5,000	5,500	5,500
MOE - Modulus of Elasticity (kpsi)	350	315	450	500	500
Face Screw Holding (lbs)	NA	NA	NA	350	350
Edge Screw Holding (lbs)	NA	NA	NA	NA	285
24-Hour Thickness Swell	< 0.039 in	< 0.039 in	< 0.055 in	< 0.063 in	< 9%
Linear Expansion* (%)	< 0.3				
Thickness Tolerance (in)	± 0.005				
Moisture Content (%)	4 - 7				

MDF Properties (Metric)	2.5mm	2.8mm - 3.4mm	3.6mm - 7.3mm	9mm - 14mm	15mm - 19mm
Density (kg/m ³)	897	809	793	745	745
Internal Bond (N/mm ²)	1.10	0.90	0.93	0.90	0.90
Modulus of Rupture (N/mm ²)	37.9	31	34.5	37.9	37.9
Modulus of Elasticity (N/mm ²)	2413	2172	3103	3448	3448
Screw Holding-Face (N)	NA	NA	NA	1557	1557
Screw Holding-Edge (N)	NA	NA	NA	NA	1268
24-Hour Thickness Swell	< 1 mm	< 1 mm	< 1.4 mm	< 1.6 mm	< 9%
Linear Expansion* (%)	< 0.3				
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, SOR/2021-148)
- 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 EcoGold MDF complies with ANSI A208.2-2022 using the prescribed test methods in ASTM D1037-12.
- WestPine EcoGold MDF is manufactured from 100% western white softwoods. Appearance is a consistent light sandy color.



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