



WestPine



EcoGold MDF Specifications

Imperial	1/8"	3/16" - 1/4"	5/16 - 1/2"	9/16" – 3/4"
Density	50.5 pcf	49.5 pcf	46.5 pcf	46.5 pcf
Internal Bond	130 psi	130 psi	130 psi	130 psi
Modulus of Rupture	5,000 psi	5,000 psi	4,500 psi	4,500 psi
Modulus of Elasticity	315,000 psi	400,000 psi	400,000 psi	400,000 psi
Screw Holding Face	n/a	n/a	350 lbs	325 lbs
Screw Holding Edge	n/a	n/a	n/a	300 lbs
Thickness Swell	0.047 in	0.055 in	0.063 in	9%
Maximum Linear Expansion & Contraction	0.3 %	0.3 %	0.3 %	0.3 %
Thickness Tolerance	±0.005 in	±0.005 in	±0.005 in	±0.005 in

Metric	3.0mm – 3.2mm	3.7mm – 6mm	8mm – 12mm	14mm – 19mm
Density	809 kg/m ³	793 kg/m ³	745 kg/m ³	745 kg/m ³
Internal Bond	0.90 N/mm ²	0.90 N/mm ²	0.90 N/mm ²	0.90 N/mm ²
Modulus of Rupture	34.5 N/mm ²	34.5 N/mm ²	31.0 N/mm ²	31.0 N/mm ²
Modulus of Elasticity	2172 N/mm ²	2758 N/mm ²	2758 N/mm ²	2758 N/mm ²
Screw Holding Face	n/a	n/a	1557 N	1446 N
Screw Holding Edge	n/a	n/a	n/a	1334 N
Thickness Swell	1.2 mm	1.4 mm	1.6 mm	9%
Maximum Linear Expansion & Contraction	0.3 %	0.3 %	0.3 %	0.3 %
Thickness Tolerance	±0.127 mm	±0.127 mm	±0.127 mm	±0.127 mm

Other Characteristics

- Moisture content: Average moisture content of finished panels as shipped is 4 – 8%.
- Formaldehyde emissions: WestPine EcoGold MDF is CARB compliant for NAF (complies with CCR 93120).
- Surface Burning Characteristics: Testing done on WestPine MDF show material being Class 3 or C in accordance with ULC Standard CAN/ULC-S102 and ASTM E-84.
- WestPine MDF is certified with:
 - 1) Composite Panel Association’s Eco-Certified Composite Grademark Program
 - 2) Scientific Certification Services
 - 3) Forest Stewardship Council Chain of Custody Certification Standards: STD-40-004 v2.0, FSC-STD-40-003 v2.0 (Chain of Custody) FSC-STD-40-005 v2-1 (Company Evaluation for Controlled Wood)
- Standard finish on all panels is 150 grit.
- Finished sizes available:
Width 45" to 62"
Length 72" to 205"
- All physical property values represent the compiled average of quality assurance testing conducted on WestPine EcoGold MDF. WestPine EcoGold MDF complies with ANSI A208.2 – 2009 using the prescribed test methods in ASTM D-1037.
- WestPine EcoGold MDF is manufactured from 100% Western white softwoods. Appearance is a consistent light sandy color.