



**WestPine**



**ECO-Gold MDF Specifications**

**Imperial**

	<b>1/8"</b>	<b>3/16" - 1/4"</b>	<b>5/16 - 1/2"</b>	<b>9/16" – 3/4"</b>
Density	56 pcf	49.5 pcf	46.5 pcf	46 pcf
Internal Bond	150 psi	125 psi	120 psi	120 psi
Modulus of Rupture	6,000 psi	5,000 psi	4,500 psi	4,500 psi
Modulus of Elasticity	500,000 psi	450,000 psi	385,000 psi	375,000 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	0.047 in	0.047 in	7%
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**

	<b>3.0mm – 3.2mm</b>	<b>3.7mm – 6mm</b>	<b>9mm – 12mm</b>	<b>14mm – 19mm</b>
Density	897 kg/m <sup>3</sup>	793 kg/m <sup>3</sup>	745 kg/m <sup>3</sup>	737 kg/m <sup>3</sup>
Internal Bond	1.03 N/mm <sup>2</sup>	0.86 N/mm <sup>2</sup>	0.83 N/mm <sup>2</sup>	0.83 N/mm <sup>2</sup>
Modulus of Rupture	41.4 N/mm <sup>2</sup>	34.5 N/mm <sup>2</sup>	31.0 N/mm <sup>2</sup>	31.0 N/mm <sup>2</sup>
Modulus of Elasticity	3447 N/mm <sup>2</sup>	3103 N/mm <sup>2</sup>	2758 N/mm <sup>2</sup>	2758 N/mm <sup>2</sup>
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	1.2 mm	1.2 mm	7%
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**

1. Moisture content: Average moisture content of finished panels as shipped is 3.5 – 6.5%.
2. Formaldehyde emissions: WestPine ECO-Gold MDF is CARB Compliant for NAF (complies with CCR 93120).
3. Surface Burning Characteristics: Testing done on WestPine MDF in accordance with ASTM E-84 show material being Class 3 or C.
4. WestPine MDF is certified under the Composite Panel Association’s Environmentally Preferable Product Grademark Program.
5. Standard finish on all panels is 150 grit.
6. Finished sizes available:  
Width 45" to 62"  
Length 72" to 193"
7. All physical property values represent the compiled average of quality assurance testing conducted on WestPine ECO-Gold MDF. WestPine ECO-Gold MDF complies with ANSI A208.2 – 2009 using the prescribed test methods in ASTM D-1037.
8. WestPine ECO-Gold MDF is manufactured from 100% Western white softwoods. Appearance is a consistent light sandy color.

WestPine Ltd., A Division of West Fraser Mills Ltd.  
 #9919 – 65 Ave, Edmonton, Alberta, Canada T6E 0L1  
 Phone: (780) 413-8900 Fax: (780) 413-8910