



WestPine MDF

Gold Plus MDF Specifications



Imperial

	1/8"	3/16"-1/4"	5/16"-1/2"	9/16"-1"
Density	56 pcf	49.5 pcf	46.5 pcf	46 pcf
Internal Bond	140 psi	115 psi	110 psi	105 psi
Modulus of Rupture	5,000 psi	4,500 psi	4,500 psi	4,000 psi
Modulus of Elasticity	500,000 psi	450,000 psi	450,000 psi	400,000 psi
Screw Holding Face	N/A	N/A	300 lbs	300 lbs
Screw Holding Edge	N/A	N/A	N/A	275 lbs
Thickness Swell	0.059 in.	0.059 in.	0.047 in.	5%
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	9mm-12mm	14mm-25mm
Density	897 kg/m ³	793 kg/m ³	745 kg/m ³	737 kg/m ³
Internal Bond	0.97 N/mm ²	0.79 N/mm ²	0.76 N/mm ²	0.72 N/mm ²
Modulus of Rupture	34.5 N/mm ²	31.0 N/mm ²	31.0 N/mm ²	27.6 N/mm ²
Modulus of Elasticity	3447 N/mm ²	3103 N/mm ²	3103 N/mm ²	2758 N/mm ²
Screw Holding Face	N/A	N/A	1334 N	1334 N
Screw Holding Edge	N/A	N/A	N/A	1223 N
Thickness Swell	1.5mm	1.5mm	1.2mm	5%
Maximum Linear Expansion & Contraction	0.3%	0.3%	0.3%	0.3%
Thickness Tolerance	0.127mm	0.127mm	0.127mm	0.127mm

Other Characteristics

- Moisture content: Average moisture content of finished panels as shipped is 4 – 8% (depending on thickness).
- Surface Burning Characteristics: Ortech Corporation of Canada have classified WestPine Gold MDF in accordance with ASTM E-84-94 as being Class C - 3.
- Formaldehyde emissions: WestPine Gold MDF complies with the CPA (Composite Panel Association) voluntary standard for MDF formaldehyde emissions, in Canada and the United States of America.
- The WestPine MDF facility is certified under the Composite Panel Association (CPA) Environmentally Preferable Product (EPP) Grademark Program. The WestPine MDF facility, upon request, can make Composite Panel Association (CPA) Environmentally Preferable Product (EPP) certified product.
- Standard finish on all panels is 150 grit.
- Finished sizes available:
Width 45" to 73"
Length 72" to 205"
- All physical property values represent the compiled average of quality assurance testing conducted on WestPine Gold MDF. WestPine Gold MDF complies with ANSI A208.2 - 2002 using the prescribed test methods in this standard ASTM D-1037.
- WestPine Gold MDF is manufactured from 100% Western white softwoods. Appearance is a consistent light sandy color.