

Specifications for High Density Machining Grade Products

Weyerhaeuser Super-Refined MDF2® is an engineered wood panel prized by woodworkers for its exceptional qualities, including a smooth, unblemished surface and homogeneous core. Our products are made from high-quality inland species of western softwoods known for their low abrasive content and light color, providing for unsurpassed ease of routing and finishing.

Weyerhaeuser Glacier Green™ Meets the Following:

- Fiber sourcing requirements of the [Sustainable Forestry Initiative®](#) (SFI)
- [CARB](#) ATCM 93120
- The Eco-Certified Composite ([ECC](#)) Standard 4-11
- [LEED®](#) credit support under LEED 2009 and LEED v4
- The ICC/ASHRAE 700 – 2015 National Green Building Standard
- [Green Globes® Rating System](#)



	Average Physical Properties		ANSI A208.2-2016	Grade 155-F11
	Imperial	Metric	Imperial	Metric
Density	51.0 lbs/ft ³	820 Kg/m ³	N/A	N/A
Moisture Content	N/A	N/A	N/A	N/A
Thickness Tolerance	±0.005"	±0.125mm	±0.005"	±0.125mm
Modulus Of Rupture	>6,000 psi	>41.3 N/mm ²	4,050 psi	27.9 N/mm ²
Modulus of Elasticity	>600,000 psi	>4133.3 N/mm ²	405,000 psi	27.92 N/mm ²
Internal Bond	>185 psi	>1.28 N/mm ²	117 psi	0.81 N/mm ²
Linear Expansion Limit	≤0.25%	≤0.25%	≤0.33%	≤0.33%
Face Screw Hold > .375" (9.5mm)	275 lb _f	1,223 N	270 lb _f	1,201 N
Edge Screw Hold > .025" (16mm)	325 lb _f	1,446 N	225 lb _f	1,000 N
Length / Width Tolerance	±0.07"	±1.8mm	±0.08"	±2.0mm
Thickness Swell	<0.065"	<1.65mm	0.065"	1.65mm
CARB 2 Formaldehyde Emission Limit, thickness > 8mm*	≤0.11 ppm	≤0.11 ppm	≤0.11 ppm	≤0.11 ppm

See the [Safety Data Sheet \(SDS\)](#) for further product content information.

PACKAGING SPECIFICATIONS

Thickness (in)	Thickness (mm)	Pcs. Per Unit	Approximate Shipping Weight	
		8', 9' and 10'	lbs/msf	kg/msf
0.375	9.5	63	1650	749
0.500	12.7	56	2300	1044
0.625	15.9	44	2790	1267
0.7500	19.1	36	3550	1610
1.0000	25.4	28	4380	1987

Standard panel widths: 48", 49", 60", 61"

Lengths: 73", 96", 97", 109", 121"

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* LEED® is a registered trademark of the U.S. Green Building Council