

## Specifications for Standard MDF Products

Plum Creek 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.

### Plum Creek 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 for New Construction and Major Renovations, Pilot Credit 43
- The [ICC 700 National Green Building Standard](#)
- [Green Globes® System](#) Green Building Initiative credit support E2
- Scientific Certifications Systems ([SCS](#)) for pre-consumer recycled fiber content



### Also Available in Glacier Clear™

- Meets all Glacier Green™ criteria
- Contains no added formaldehyde resins
- Meets ANSI A208.2-2009 requirements for MR10



	Average Physical Properties		ANSI A208.2-2009 Grade 155-F11	
	Imperial	Metric	Imperial	Metric
Density ( ≤ .551")	49.0 lbs/ft <sup>3</sup>	788 Kg/m <sup>3</sup>	N/A	N/A
Density ( > .551")	48.5 lbs/ft <sup>3</sup>	780 Kg/m <sup>3</sup>	N/A	N/A
Moisture Content	5.50%	5.50%	N/A	N/A
Thickness Tolerance	± 0.005"	± 0.125mm	± 0.005"	± 0.125mm
Modulus Of Rupture	4,800 psi	33.1 N/mm <sup>2</sup>	4,050 psi	27.9 N/mm <sup>2</sup>
Modulus of Elasticity	500,000 psi	3,448.3 N/mm <sup>2</sup>	405,000 psi	2792 N/mm <sup>2</sup>
Internal Bond	130 psi	0.9 N/mm <sup>2</sup>	117 psi	0.81 N/mm <sup>2</sup>
Linear Expansion Limit	≤ 0.3%	≤ 0.3%	≤ 0.33%	≤ 0.33%
Face Screw Hold > .375" (9.5mm)	300 lb <sub>f</sub>	1,334 N	270 lb <sub>f</sub>	1,201 N
Edge Screw Hold > .025" (16mm)	275 lb <sub>f</sub>	1,223 N	225 lb <sub>f</sub>	1,000 N
Length / Width Tolerance	± 0.07"	± 1.8mm	± 0.08"	± 2.0mm
Thickness Swell ( ≤ 15mm)	0.05"	1.3mm	0.065"	1.65mm
Thickness Swell ( > 15mm)	6%	6%	11%	11%
CARB 2 Formaldehyde Emission Limit, thickness > 8mm*	≤ 0.11 ppm	≤ 0.11 ppm	≤ 0.11 ppm	≤ 0.11 ppm

\*Property is for Glacier Green™. Property for Glacier Clear™ is ≤ 0.05 ppm.  
See the [Material Safety Data Sheet](#) (MSDS) 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
0.3750	9.5	63	1680	762
0.4375	11.1	60	1870	848
0.4720	12.0	60	2035	923
0.5000	12.7	56	2150	975
0.5625	14.3	48	2395	1086
0.5910	15.0	48	2515	1141
0.6250	15.9	44	2660	1207
0.6875	17.5	40	2930	1329
0.7090	18.0	40	3020	1370
0.7500	19.1	38	3210	1456
0.8750	22.2	32	3690	1674
0.9060	23.0	30	3825	1735
0.9375	23.8	28	3955	1794
1.0000	25.4	28	4220	1914
1.1250	28.6	24	4750	2155
1.1810	30.0	24	4910	2227
1.1875	30.2	24	5000	2268
1.2500	31.8	20	5275	2393

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

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

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

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Unless otherwise agreed upon between buyer and seller, specifications for Plum Creek MDF Products will be based solely on the Plum Creek specifications in effect at the time the Products were manufactured. No other implied representations or warranties are made. Except as otherwise provided in a separate written warranty agreement to the buyer, there are no warranties of merchantability or fitness for a particular purpose. These products are intended for interior use only. Please refer to your order acknowledgement for further terms and conditions of sale.



## Shipping Information

Mode	Product Weight by Mode Standard MDF		Aprox. Shipped Units by Mode	
	<u>Pounds</u>	<u>Kilograms</u>	4'x8'	5'x8'
			Units <u>Std.</u> <u>3/4"</u>	Units <u>Std.</u> <u>3/4"</u>
<b>Van/Container</b>	46,000	20865	12	10
<b>Flatbed Truck</b>	48,000	21773	12	10
<b>Truck &amp; Pup</b>	65,000	29484	17	13
<b>52' 08" Boxcar</b>	185,000	83915	48	38
<b>60' 00" Boxcar</b>	205,000	92987	53	42
<b>Bulkhead Flatcar</b>	185,000	83915	48	38

Plum Creek MDF is sold on a delivered basis by full truckload, container load and railcar.  
Approximate capacities by shipping mode are as shown for Standard MDF at 49 lb. per cubic foot.