

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 fiber sourcing requirements of the [Sustainable Forestry Initiative](#) (SFI).
- Meets [CARB](#) ATCM 93120.
- [EPP](#) certified by the Composite Panel Association for recycled fiber content and formaldehyde emission limits.
- [LEED](#)® credit support for MR4 Recycled Content and MR5 Regional Materials.
- [Scientific Certification Systems](#) (SCS) certified for pre-consumer recycled fiber content.
- Certified for [HUD](#) formaldehyde emission limits.
- Meets [NAHB Model Green Home Building Guidelines™](#) credit supports 2.4.1, 2.6.1, 2.6.2, 2.8.1, 5.1.5
- Meets [Green Globes™ System](#) credit support E2



Also Available in Glacier Clear™

- Meets all Glacier Green™ criteria.
- Contains no added urea formaldehyde or no added formaldehyde resins.
- [LEED](#)® credit support for IEQ 4.4 Low-Emitting Materials.



	Average Physical Properties		ANSI A208.2-2009 Grade 155-F11	
	Imperial	Metric	Imperial	Metric
Density (≤ .551")	49.0 lbs/ft ³	788 Kg/m ³	N/A	N/A
Density (> .551")	48.5 lbs/ft ³	780 Kg/m ³	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 ²	4,050 psi	27.9 N/mm ²
Modulus of Elasticity	500,000 psi	3,448.3 N/mm ²	405,000 psi	2792 N/mm ²
Internal Bond	130 psi	0.9 N/mm ²	117 psi	0.81 N/mm ²
Linear Expansion Limit	≤ 0.3%	≤ 0.3%	≤ 0.33%	≤ 0.33%
Face Screw Hold > .375" (9.5mm)	300 lb _f	1,334 N	270 lb _f	1,201 N
Edge Screw Hold > .025" (16mm)	275 lb _f	1,223 N	225 lb _f	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
0.3540	9.0	66	1710	776
0.3750	9.5	63	1610	730
0.4375	11.1	60	1420	644
0.4720	12.0	60	2020	916
0.5000	12.7	56	2140	971
0.5510	14.0	52	1650	748
0.5625	14.3	48	2390	1084
0.5910	15.0	48	2510	1139
0.6250	15.9	44	2650	1202
0.6690	17.0	40	2790	1266
0.6875	17.5	40	2920	1325
0.7090	18.0	40	3010	1365
0.7200	18.3	40	3050	1383
0.7500	19.1	38	3220	1461
0.8750	22.2	32	3680	1669
0.9060	23.0	30	3060	1388
0.9375	23.8	28	3940	1787
1.0000	25.4	28	4200	1905
1.1250	28.6	24	4730	2146
1.1810	30.0	24	4960	2250
1.1875	30.2	24	4990	2263
1.2500	31.8	20	5260	2386
1.5000	38.1	18	5690	2581

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' Units	5'x8' Units
			<u>Std.</u> <u>3/4"</u>	<u>Std.</u> <u>3/4"</u>
Van/Container	46,000	20865	12	10
Flatbed Truck	48,000	21773	12	10
Truck & Pup	65,000	29484	17	13
52' 08" Boxcar	185,000	83915	48	38
60' 00" Boxcar	205,000	92987	53	42
Bulkhead Flatcar	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.