

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.

In keeping with our commitment to conserve natural resources, Plum Creek MDF products have received Material Content certification from Scientific Certification Systems (SCS) verifying at least 88% pre-consumer recycled wood content on a dry fiber basis.



	Average Physical Properties		ANSI A208.2-2002 Grade 140	
	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"	± 0.125 mm	± 0.005"	± 0.125mm
Modulus Of Rupture	4,800 psi	33.1 N/mm ²	3,481 psi	24.0 N/mm ²
Modulus of Elasticity	500,000 psi	3,448.3 N/mm ²	348,100 psi	2,400.0 N/mm ²
Internal Bond	130 psi	0.9 N/mm ²	109 psi	0.75 N/mm ²
Linear Expansion Limit	≤ 0.3%	≤ 0.3%	≤ 0.3%	≤ 0.3%
Face Screw Hold	300 lb _f	1,334 N	298 lb _f	1,325 N
Edge Screw Hold (≥ .375")	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	0.059"	1.5mm
Thickness Swell (> 15mm)	6%	6%	10%	10%
Formaldehyde Emissions Limit	≤ 0.2 ppm*	≤ 0.2 ppm*	≤ 0.3 ppm	≤ 0.3 ppm

* Environmentally Preferred Product Specification CPA 2-06 Certified Products Only

PACKAGING SPECIFICATIONS

Thickness (in)	Thickness (mm)	Pcs. Per Unit 8', 9' and 10'	Approximate Shipping Weight	
			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"

This product is manufactured with a urea-formaldehyde resin, and in the process of use, or in raw storage, may release small amounts of formaldehyde. In indoor environments, formaldehyde may cause temporary eye, nose and throat irritation, and may aggravate certain respiratory conditions. Proper ventilation may help reduce such occurrences. (View our Material Safety Data Sheets at <http://www.plumcreek.com/products/mdf/msds.php>)

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>	<u>4'x8' Units Std. 3/4"</u>	<u>5'x8' Units Std. 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.