

Specifications for Light Density (LDF) Products

Weyerhaeuser Light Density Fiberboard products are ideal for molding and millwork applications where high processing throughput speeds and finely detailed profiles are required.

Weyerhaeuser Glacier Green™ Meets the Following:



- Fiber sourcing requirements of the [Sustainable Forestry Initiative](#)® (SFI)
- [EPA TSCA Title VI & 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 130-F11
	Imperial	Metric	Imperial	Metric
Density	45.0 lbs/ft ³	724 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	3,500 psi	24.1 N/mm ²	3,130 psi	21.6 N/mm ²
Modulus of Internal Bond	427,000 psi	3,448.3	313,000 psi	2160.0 N/mm ²
Linear Expansion Limit	110 psi	0.76 N/mm ²	78 psi	0.54 N/mm ²
Face Screw Hold	≤ 0.3%	≤ 0.3%	≤ 0.33%	≤ 0.33%
Edge Screw Hold (≥ .375")	230 lb _f	1,023 N	222 lb _f	988 N
Length / Width Tolerance	210 lb _f	934 N	177 lb _f	787 N
Thickness Swell (≤ 15mm)	+ 0.07"	+ 1.8mm	+ 0.08"	+ 2.0mm
Thickness Swell (> 15mm)	0.05"	1.3mm	0.065"	1.65mm
EPA TSCA Title VI Emission Limit: Thickness > 8mm	6%	6%	11%	11%
	≤ 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

Pcs. Per Unit	Approximate Shipping Weight				
	Thickness (in)	Thickness (mm)	8', 9' and 10'	lbs/msf	kg/msf
	0.3540	9.0	66	1430	649
	0.3750	9.5	63	1500	680
	0.4375	11.1	60	1680	762
	0.4720	12.0	64	1850	839
	0.5000	12.7	56	1990	903
	0.5510	14.0	52	2235	1014
	0.5625	14.3	48	2280	1034
	0.5910	15.0	48	2400	1089
	0.6250	15.9	44	2530	1148
	0.6690	17.0	40	2710	1229
	0.6875	17.5	40	2740	1243
	0.7090	18.0	40	2880	1306
	0.7500	19.1	36	3040	1379
	0.8750	22.2	32	3530	1601
	0.9060	23.0	30	3680	1669
	1.0000	25.4	28	4060	1842
	1.1250	28.6	24	4575	2075
	1.1810	30.0	24	4780	2168
	1.1875	30.2	24	4790	2173
	1.2500	31.8	20	5065	2297
	1.5000	38.1	18	5500	2495

Standard panel width: 61"

Lengths: 85", 97", 121", 169", 193", 205"

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