

# WEYERHAEUSER LDF, MDF & HDF

## FORMULATED TO MEET A WIDE RANGE OF GREEN & SUSTAINABLE PRODUCT STANDARDS

GLACIERGREEN™ GLACIERCLEAR™



### WEYERHAEUSER LDF, MDF & HDF

With Glacier Green™ and Glacier Clear™, you get an engineered wood panel prized by woodworkers and construction professionals for exceptional qualities including:

- An unblemished surface optimized for painting and laminating
- A homogeneous fine fiber core
- Smooth machined fine profiles and edges
- Exacting tolerance standards
- Light consistent color

Our customers benefit from rapid machine throughput speeds, extended cutting tool life and fewer finishing steps to achieve superior results.

Available in a thickness range of 0.063" to 1.5" (1.6 mm to 38.1 mm).

STANDARD	DESCRIPTION	LOW EMISSION MDF/HDF	GREEN-BUILDING COMPLIANT MDF/HDF
<b>SFI® Sustainable Forestry Initiative</b>	Certified Sourcing	●	●
<b>EPA TSCA Title VI</b>	Emission Standard	●	●
<b>CARB California Air Resources Board</b>	ATCM 93120	●	●
<b>Eco-Certified Composite (ECC) Standard 4-11</b>	Environmentally Responsible Use of Wood Fiber	●	●
<b>LEED® US Green Building Council Credit Support Under</b>	LEED 2009 and LEED v4	●	●
<b>Green Globes® Rating System Green Building Initiative credit support for</b>	New Construction & Major Renovations	●	●
<b>ICC/ASHRAE 700-2015 National Green Building Standard</b>	Resource Efficiency, Indoor Environmental Quality, Remodeling	●	●

### GLACIER GREEN™ LDF > 1.25" ≤ 1.5"

Average Physical Properties	Imperial	Metric
Density	43.0 lb/ft <sup>3</sup>	689 kg/m <sup>3</sup>
Moisture Content	5.5%	5.5%
Thickness Tolerance	± 0.010"	± 0.250 mm
Modulus of Rupture	4100 psi	27.0 N/mm <sup>2</sup>
Modulus of Elasticity	450,000 psi	2960.5 N/mm <sup>2</sup>
Screw Pull (Face)	225 psi	1.5 N/mm <sup>2</sup>
Screw Pull (Edge)	200 psi	1.3 N/mm <sup>2</sup>
Internal Bond	95 psi	0.6 N/mm <sup>2</sup>
Linear Expansion	< 0.3%	< 0.3%
Thickness Swell	< 6.5%	< 6.5%
EPA TSCA VI & CARB 2 Emission Limit, thicknesses > 0.315"	≤ 0.11 ppm	≤ 0.11 ppm

### GLACIER GREEN™ MDF > .354" ≤ 1.25"

Average Physical Properties	Imperial	Metric
Density ( ≤ .551")	49.0 lbs/ft <sup>3</sup>	788 Kg/m <sup>3</sup>
Density ( > .551")	48.5 lbs/ft <sup>3</sup>	780 Kg/m <sup>3</sup>
Moisture Content	5.50%	5.50%
Thickness Tolerance	± 0.005"	± 0.125mm
Modulus Of Rupture	4,800 psi	33.1 N/mm <sup>2</sup>
Modulus of Elasticity	500,000 psi	3,448.3 N/mm <sup>2</sup>
Internal Bond	130 psi	0.9 N/mm <sup>2</sup>
Linear Expansion Limit	≤ 0.3%	≤ 0.3%
Face Screw Hold > .375" (9.5mm)	300 lbr	1,334 N
Edge Screw Hold > .025" (16mm)	275 lbr	1,223 N
Length / Width Tolerance	± 0.07"	± 1.8mm
Thickness Swell ( ≤ 15mm)	0.05"	1.3mm
Thickness Swell ( > 15mm)	6%	6%
EPA TSCA VI & CARB 2 Emission Limit, thicknesses > 0.315"	≤ 0.11 ppm	≤ 0.11 ppm

### GLACIER GREEN™ HDF > .0984" ≤ .315"

Average Physical Properties	Imperial	Metric
Density	55.5 lbs/ft <sup>3</sup>	892 Kg/m <sup>3</sup>
Moisture Content	5.0%	5.0%
Thickness Tolerance	± 0.005"	± 0.125 mm
Modulus Of Rupture	5,200 psi	35.8 N/mm <sup>2</sup>
Internal Bond	155 psi	1.06 N/mm <sup>2</sup>
Linear Expansion Limit	≤ 0.3%	≤ 0.3%
Length / Width Tolerance	± 0.07"	± 1.8mm
Thickness Swell	< 0.087"	< 0.087"
EPA TSCA VI & CARB 2 Emission Limit, thicknesses ≤ 0.315"	≤ 0.13 ppm	≤ 0.13 ppm

### GLACIER GREEN™ CROSSBANDS > .063" ≤ .094"

Average Physical Properties	Imperial	Metric
Density	60 lbs/ft <sup>3</sup>	965 Kg/m <sup>3</sup>
Moisture Content	5.0%	5.0%
Thickness Tolerance	± 0.005"	± 0.125 mm
Modulus Of Rupture	6,800 psi	46.9 N/mm <sup>2</sup>
Internal Bond	220 psi	1.52 N/mm <sup>2</sup>
Linear Expansion Limit	≤ 0.3%	≤ 0.3%
Length / Width Tolerance	± 0.07"	± 1.8mm
Thickness Swell	< 0.087"	< 0.087"
EPA TSCA VI & CARB 2 Emission Limit, thicknesses ≤ 0.315"	≤ 0.13	≤ 0.13 ppm

#### CONTACT US

800.548.3099

[wy.com/panels/mdf](http://wy.com/panels/mdf)

### WEYERHAEUSER LDF, MDF & HDF MEET THE SFI® CERTIFIED SOURCING REQUIREMENTS

Weyerhaeuser is an industry leader in using wood from forests managed to sustainable forestry standards and making the most of each tree. Our mills are certified to the SFI® Certified Sourcing standard, providing you assurance of a product from responsible sources.



See the Safety Data Sheet (SDS) for product content information.



Unless otherwise agreed upon between buyer and seller, specifications for Weyerhaeuser Glacier Green™ and Glacier Clear™ LDF, MDF & HDF will be based solely on the Weyerhaeuser 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.