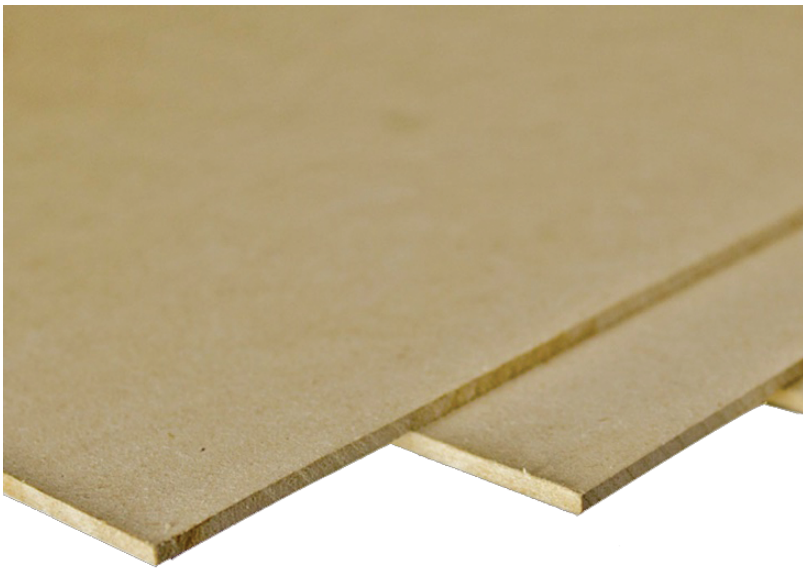
PlyVeneer PRODUCTS

SUPERIOR PACKAGING SOLUTIONS

FIBERLOC™



ADVANCED PANEL TECHNOLOGY

FiberLoc™ represents the pinnacle of panel innovation at PlyVeneer Products™. Developed through rigorous testing and proven in the field since 2003, FiberLoc™ offers unmatched performance in applications requiring high consistency in material properties. This proprietary panel is designed to replace traditional materials like Luan and standard MDF panels, offering superior thickness tolerances and density.

PRODUCT FEATURES

ENGINEERED FOR EXCELLENCE

FiberLoc's™ superior engineering is evident in its consistent performance. It is designed to outperform competitors by maintaining strict controls over thickness tolerances and density, ensuring that each panel delivers reliable results in all applications.

CUSTOMIZABLE TO FIT YOUR NEEDS

Understanding that each project has unique requirements, FiberLoc™ panels can be fully customized in terms of size. PlyVeneer Products™ works closely with clients to provide panels that precisely meet their specifications, enhancing the efficiency and effectiveness of their manufacturing processes.

DURABLE AND VERSATILE

The robust construction of FiberLoc™ makes it ideal for a wide range of uses. Its durability ensures long-lasting performance, making it a preferred choice for applications that demand the highest standards of material quality.

BENEFITS

WHY CHOOSE FIBERLOC™?

Choosing FiberLoc™ means selecting a panel that brings a multitude of benefits to your operations. Its proven track record since 2003 highlights its reliability and effectiveness in various industries. The panel's superior properties help reduce replacement frequency due to wear and tear, thus offering long-term cost savings. Additionally, its precision in manufacturing aids in reducing waste during production while making it 100% sustainable and responsibly sourced and made in the USA.

SPECIFICATIONS

PLYVENEER'S FIBERLOC™ MEETS THE FOLLOWING:

- Fiber sourcing requirements of the Sustainable Forestry Initiative® (SFI)
- EPA TSCA Tile 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 230-F13	
	Imperial	Metric	Imperial	Metric
Density	55.5 lbs/ft^3	892 Kg/m^3	N/A	N/A
Moisture Content	5.0%	5.0%	N/A	N/A
Thickness Tolerance	± 0.005"	± 0.125 mm	± 0.005"	± 0.125 mm
Modulus of Rupture	5,200 psi	35.8 N/mm^2	4,192 psi	28.9 N/mm^2
Internal Bond	155 psi	1.06 N/mm^2	131 psi	0.90 N/mm^2
Linear Expansion Limit	≤ 0.3%	≤ 0.3%	≤ 0.33%	≤ 0.33%
Length/Width Tolerance	≤ 0.07%	± 1.8mm	± 0.08%	± 2.0mm
Thickness Swell	≤ 0.087%	≤ 0.087%	≤ 0.087%	≤ 2.2mm
EPA TSCA Title VI Emission Limit: Thickness ≤ 8mm	≤ 0.13 ppm	≤ 0.13 ppm	≤ 0.13 ppm	≤ 0.13 ppm

PACKAGING SPECIFICATIONS			APROXIMATE SHIPPING WEIGHT	
Thickness (in)	Thickness (mm)	Pcs. per Unit	lbs/msf	kg/msf
0.1181	3.0	268	585	265
0.1250	3.2	256	620	281
0.1575	4.0	200	785	356
0.1875	4.8	168	930	422
0.2047	5.2	156	1020	463
0.2188	5.6	144	1075	488
0.2360	6.0	132	1175	533
0.2500	6.4	128	1240	562
0.3125	9.3	100	1450	658

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

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