

# FIBREX High Density Fiberboard

## THE OPTIMAL THIN BOARD

FIBREX High Density Fiberboard (HDF) is a North American pioneer in thin MDF offering customers flexibility, versatility and an unmatched range of finish options.

FIBREX Standard is ideal for furniture and cabinet components, chair backs, inserts, liners, gaming and decorative applications.

FIBREX Plus is manufactured with increased mechanical properties compared to FIBREX Standard. This high-performance panel is suggested to meet your most critical and demanding applications.

FIBREX VESTA ULEF and FIBREX VESTA Plus ULEF composite panels are produced using a low emitting technology making VESTA the optimal choice for LEED and other ULEF (ultra low emitting formaldehyde) specified projects.

		FIBREX STANDARD AND FIBREX VESTA ULEF			FIBREX PLUS AND FIBREX VESTA PLUS ULEF		
St. Stephen, NB							
Thickness Range	(mm)	2.0 mm to 2.9 mm	3.0 mm to 3.9 mm	4.0 mm to 6.4 mm	2.0 mm to 2.9 mm	3.0 mm to 3.9 mm	4.0 mm to 5.5 mm (raw) 4.0 mm to 4.9 mm (sanded 2 sides) 4.0 mm to 5.1 mm (sanded 1 side)
Average MOR	(psi)	5,500	5,500	5,000	6,400	6,300	6,100
Average Internal Bond	(psi)	150	150	110	200	190	180
Un-sanded Thickness Tolerance	(in.)	+/- .010	+/- .010	+/- .012	+/- .010	+/- .010	+/- .012
Sanded Thickness Tolerance	(in.)	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005	+/- .005
Length	(in.)	+/- 1/8"	+/- 1/8"	+/- 1/8"	+/- 1/8"	+/- 1/8"	+/- 1/8"
Width	(in.)	+/- 1/16"	+/- 1/16"	+/- 1/16"	+/- 1/16"	+/- 1/16"	+/- 1/16"
Squareness	(in.)	+/- 5/32"	+/- 5/32"	+/- 5/32"	+/- 5/32"	+/- 5/32"	+/- 5/32"

- The above physical properties are based on minimum allowable averages of individual production lots. Testing for conformance to the above specifications must be done in accordance with procedures described in the American National Standard for Medium Density Fiberboard. (ANSI 208.2 - 2022 section 6.2 Sampling for Acceptance)
- EPA recognized and CARB approved Third Party Certifier TPC-1.
- EPA TSCA Title VI certified. Complies with CARB ATCM 93120, ANSI 208.2 - 2022, for formaldehyde emissions.
- All panels are approved for interior, non-structural application.
- Contains 100% Recycled/Recovered wood content.

### Storage and Handling

FIBREX HDF products should never be stored or used outdoors. The indoor storage area should be clean, dry, well ventilated, and free of dust, dirt or particles that could contaminate the MDF. Store flat on stickers on a level, hard, dry surface. Constant relative humidity and temperature should be maintained. Before use, allow to stabilize to the same conditions as are expected after the panel is installed. Condition 48 to 72 hours prior to lamination. For more information, see Composite Panels Association Technical Bulletin: Storage and Handling of Particleboard and MDF.

Safety Data Sheets available online.



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