



THE HEART OF
TODAY'S HOME

Technical Data Sheet

UltraLight Fiberboard

Nov. 2007

Norbord UltraLight

UltraLight (UL) is the newest innovation in Norbord's extensive line-up of fiberboard products. It answers customer requests for a board lighter in weight and thus less strenuous for manual handling. Because of its higher softwood content, it is also an excellent choice for critical machining applications like moldings and millwork.

Ultralight is 15% lighter than our Lightweight (LDF) and 30% lighter than our Premium Standard MDF. Overall, the further reduction in weight translates into less worker fatigue and injury, easier machining, longer tool life, lower maintenance costs, and reduced shipping costs. In an era of higher fuel prices, that last point can add up to real savings over time.

Contact your local distributor to mix and match this item with our other standard and specialty grade fiberboard products.

Important Notice

While UL has many advantages as described above, the end user should recognize that it also has performance differences compared to higher density products. Whether it's Norbord's UL or another UL brand available in North America, *UL board should be considered for decorative, non-load bearing uses only.* The lighter weight of these products is achieved by putting less wood in them. Simplistically put, less wood means less strength. Norbord has many grades of fiberboard, each intended to address different end uses. Please go to www.norbord.com to see our other Technical Data sheets for Premium Standard MDF, Lightweight (LDF), High Performance (HP) MDF, and Moisture Resistant (MR) MDF. It is ultimately the fabricator's responsibility to select the right board for their project. Our Tech Data sheets are intended to assist in that task.

Property	Typical Values	
	Units	1/2" – 1 1/2"
Density	lbs/ft ³	33
Internal Bond	lbs	85
Screw Holding Face	lbs	180
Edge	lbs	150
Modulus of Elasticity	psi	225,000
Modulus of Rupture	psi	2,500
Thickness Swell (24 hrs)	%	8
Moisture Content	%	5-7
Formaldehyde Emission	ppm	≤ 0.30
Thickness	inches	± 0.005

Availability: 1/2", 5/8", 3/4", 1"

Other thicknesses are available on a special order basis with a two truckload minimum. Please inquire.

LEED: This product can be used to earn up to four LEED credits (4.1, 4.2, 5.1, 5.2). View our website for further information – www.norbord.com.



Head office:
Norbord Industries
1 Toronto Street, Suite 600
Toronto, Ontario
M5C 2W4
Telephone: 416 365 0710
Fax: 416 777 4415
www.norbord.com

Mill address:
Norbord Industries
Laurel Bank Ave.
P.O. Box 26
Deposit, NY 13754
Telephone: 607 467 2600
Toll free phone: 800 367 6338

Norbord UltraLight Fiberboard

Thicknesses and Sizes - UL

Thickness	Standard Panel Sizes**	
	4' x 6', 8', 9'	5' x 6', 8', 9'
1/2"*	✓	✓
5/8"	✓	✓
3/4"*	✓	✓
1"	✓	✓

*Mill stocking program on 4' x 16' and 5' x 16' master panels. Other thicknesses and sizes available on a special order basis with two truckload quantities.

**Press size is 5' x 18'. Any size can be ordered in combinations that yield from 4'x16', 4' x 18', 5'x16', 5'x18. Please check with your distributor or Norbord for the array of sizes available.

Technical Properties

Property	Units	Thickness Range
		1/2" - 1 1/2"
Density	lbs/ft ³	33
Internal Bond	lbs	85
Screw Holding Face	lbs	180
Screw Holding Edge	lbs	150
MOE	psi	225,000
MOR	psi	2,500
Thickness Swell (24 hrs)	%	8
Moisture Content	%	5 - 7
Formaldehyde Emission	ppm	< 0.30
Thickness Tolerance	inches	± 0.005

Important Notice

While UL has many advantages as described above, the end user should recognize that it also has performance differences compared to higher density products. Whether it's Norbord's UL or another UL brand available in North America, *UL board should be considered for decorative, non-load bearing uses only.* The lighter weight of these products is achieved by putting less wood in them. Simplistically put, less wood means less strength. Norbord has many grades of fiberboard, each intended to address different end uses. Please go to www.norbord.com to see our other Technical Data sheets for Premium Standard MDF, Lightweight (LDF), High Performance (HP) MDF, and Moisture Resistant (MR) MDF. It is ultimately the fabricator's responsibility to select the right board for their project. Our Tech Data sheets are intended to assist in that task.

Packaging Specifications - UL

Thickness	lbs/sq. ft.*	Pieces / Unit	
		"A"***	"B"***
1/2	1.590	64	64
5/8	1.980	48	48
3/4	2.375	40	40
1	3.175	32	32

*Packaging included.

** "A" panel sizes: 49 x 73, 49 x 97, 49 x 109, 49x21, 61 x 73, 61 x 97

** "B" panel sizes: 61 x 109, 61x121

Average Units / Truck			
49 x 73	22	61 x 73	17
49 x 97	16	61 x 97	13
49 x 109	15	61 x 109	12
49 x 121	13	61 x 121	11

In addition to Norbord UltraLight Fiberboard, Norbord MDF is also available in Standard (STD), Moisture Resistant Fiberboard (MR), Light Density Fiberboard (LDF), High Performance (HP). Full Service CTS available. Norbord has the most extensive thickness range and panel sizes in North America.