

ULTRASTOCK™

a Temple-Inland product

Medium Density Fiberboard Panels



There's nothing like selection to ensure greater opportunity for success.

UltraStock™ MDF offers many attractive options for enhanced production results.

UltraStock™ MDF offers a specialized selection of premium panels designed for machinability and performance. Need a board for deep contouring and smooth finishing? Pick UltraStock Select's super-refined fibers and uniform densities. Want to reduce component weight? Choose UltraStock Lite. Angling for long-run consistency and value? Select UltraStock Premium. More options mean enhanced performance and production results.



UltraStock MDF also delivers attractive contributions toward credits in environmental rating systems like LEED, Green Globe, NAHB's Green Building Standard and C.A.R.B. Its high recycled content is third-party certified to catch even the most green-sensitive customer's interest.

Available in multiple lengths and thicknesses, UltraStock MDF puts a range of options in your hands to give you every opportunity for production success.

Real Selection. Real Solutions.™

Temple-Inland®



Part of a family of MDF solutions

The ideal MDF panel provides the best specifications for your needs. That's because the characteristics that deliver premium performance in one application may not be what's required for a different use or production process. Below is a quick summary of three of our most popular MDF solutions. And don't forget, we also offer UltraStock Moisture-Resistant, Thin Profile and special industrial panels.

SELECT PANELS	PREMIUM PANELS	LITE PANELS
<p>Delivering maximum machinability</p> <p>UltraStock Select MDF is our smoothest, most consistent panel available. Its uniform density makes it the perfect choice for the critical machining requirements of applications like RTA and kitchen cabinet doors.</p>	<p>Delivering exceptional productivity</p> <p>Uniquely formulated for maximum productivity, UltraStock Premium MDF machines and finishes beautifully. From moulding to furniture to flooring, its high-volume performance and ready availability make it an exceptional value.</p>	<p>Delivering lightweight performance</p> <p>UltraStock Lite MDF provides the surface smoothness and machining characteristics you expect from Temple-Inland in a panel that's up to 15% lighter. Ideal for non-load-bearing components, it produces great results every time.</p>

PHYSICAL PROPERTIES	SELECT	PREMIUM				LITE
EL DORADO AVERAGES	3/8" - 3/4"	< 3/8"	3/8" - < 1/2"	1/2" - 3/4"	> 3/4"	3/8" - 3/4"
MOR-Modulus of Rupture (psi):	5,000	4,500	4,500	4,500	4,500	3,600
MOE-Modulus of Elasticity (psi):	500,000	450,000	450,000	450,000	450,000	350,000
IB-Internal Bond (psi):	140	120	110	100	95	100
Face Screw Holding (lbs):	300	NA	NA	300	300	250
Edge Screw Holding (lbs):*	300	NA	NA	275	250	200

*Not applicable for thinner than 5/8"

Properties based on 5-panel minimum average per ANSI 208.2

DIMENSIONS	EL DORADO	MT. JEWETT
Thickness	3/16" - 1"	1/4" - 1 5/16"
Widths	To five feet	To five feet
Length	To sixteen feet	To sixteen feet

LOCATION & RAW MATERIALS:

Mt. Jewett, Pennsylvania - Mixed Hardwoods
El Dorado, Arkansas - Southern Pine




SHIPPING: Transportation by truck or rail

PHYSICAL PROPERTIES	SELECT	PREMIUM				LITE	
MT. JEWETT AVERAGES	1/2" - 3/4"	< 3/8"	3/8" - < 1/2"	1/2" - 3/4"	> 3/4"	3/8" - < 1/2"	1/2" - 3/4"
MOR-Modulus of Rupture (psi):	4,500	4,500	3,500	3,500	3,500	3,500	3,500
MOE-Modulus of Elasticity (psi):	450,000	450,000	450,000	450,000	450,000	350,000	350,000
IB-Internal Bond (psi):	140	120	110	100	95	120	120
Face Screw Holding (lbs):	300	260	260	260	260	240	240
Edge Screw Holding (lbs):*	275	NA	NA	240	230	NA	240

*Not applicable for thinner than 5/8"

Properties based on 5-panel minimum average per ANSI 208.2

TOLERANCES	
Length and Width	± 1/16"
Squareness	± 1/64"
Straightness	± 1/64"/2 ft.
Thickness (within panels)	± 0.005"
Thickness (panel to panel)	± 0.005"

GREEN BUILDING CREDITS	EPP AND FSC CERTIFICATION	SCS CERTIFICATION
<p>Temple-Inland's UltraStock MDF earns Green Building Rating System credits with the following organizations:</p> <p>LEED: MR Credit 4, MR Credit 5</p> <p>NAHB Green Building Standard: 604.1(2), 606.2(3), 606.2(6), 901.4.(a), 901.4(c)</p> <p>C.A.R.B.: Compliant, Phase 1</p>	<p>UltraStock MDF produced in or Mt. Jewett facility is available from this facility with a Composite Panel Association (CPA) certification of 100% recycled/recovered fiber in compliance with their Environmentally Preferable Product (EPP) specification CPA 3-08. Product is also available that is certified for Forest Stewardship Council (FSC) chain-of-custody and controlled wood recognition.</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	<p>Scientific Certification Systems (SCS) has awarded certification to Temple-Inland's El Dorado, Arkansas MDF plant for producing products using recovered and recycled materials. UltraStock Select, Premium and Lite MDF are certified to contain pre-consumer recycled fiber on a dry fiber weight basis of 80% when produced at our El Dorado, Arkansas, facility.</p> <div style="text-align: center;">  <p>SCS CERTIFIED</p> </div>

WARNING:

This medium density fiberboard contains low tuming urea formaldehyde resin and may release formaldehyde vapors in low concentrations. Formaldehyde vapors can be potentially irritating to the eyes and upper respiratory system. Should irritation develop, consult your physician.

Temple-Inland®

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