

# ULTRASTOCK-FREE™

a TempleInland product

Free of Added  
Urea Formaldehyde



**Emissions so low it's like nature wrote the specs herself.**

**Introducing new  
UltraStock™Free.  
Made without added  
urea formaldehyde.**

With UltraStock™Free from Temple-Inland®, architects, designers and manufacturers can now choose premium MDF performance with formaldehyde emission levels just about as low as nature herself. Along with lower emissions, UltraStock-Free offers valuable credits in green building rating systems such as LEED, NAHB Green Building Standard, Green Globe, and C.A.R.B. Also, UltraStock-Free



complies with CPA 3-08—earning EPP certification. And, whether a project is “green-sensitive” or not, UltraStock-Free delivers the excellent machining and finishing performance demanded for furniture, flooring and cabinets.

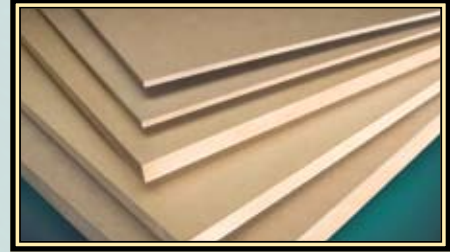
Discover UltraStock-Free without added urea formaldehyde today. Precise MDF performance, with specs that could have been written by nature herself.

***Real Selection. Real Solutions.™***

**TempleInland®**

### Low Formaldehyde Emissions, High Manufacturing Performance.

UltraStock-Free delivers the precise machining, finishing and performance characteristics of our proven UltraStock Premium product. Perfect for use in furniture, flooring and cabinets in "green-sensitive" projects like hospitals, schools and civic facilities, UltraStock-Free offers the perfect combination of performance and environmental protection.



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

\*Not applicable for thinner than 5/8"

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"

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

\*Not applicable for thinner than 5/8"

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

ENVIRONMENTAL CREDITS		
LEED	CREDITS	DESCRIPTION
Recycled Content	MR 4.1	Specifies 10% of all materials on the project (less MEP) are certified in accordance to ISO 14021 to be recycled content.
Locally Produced Materials	MR 5.1	Specifies 10% of all materials on the project (less MEP) be extracted and manufactured within 500 miles of the project.
Environmental Quality	EQ 4.4	Composite wood panels on the project shall contain no urea formaldehyde.
GREEN GLOBES	CREDITS	DESCRIPTION
Low-VOC Emitting Materials	G2.9	Specifies architects to select low-VOC emitting materials.
NAHB	CREDITS	DESCRIPTION
Pre-Consumer Recycled Content	604.1 (2)	Use recycled content products in major areas such as walls, floors, insulation and roofing.
Other Certification	606.2 (6)	Wood-based components certified in accordance to CPA-EPP, Scientific Certification Systems (SCS), or ISO 14021.
Resource Efficient Materials	607.1 (1)	Use of engineered wood instead of solid wood components.
Low Formaldehyde/VOC emissions	901.4 (a)	In compliance with ANSI A208.2.
Low Formaldehyde/VOC emissions	901.4 (c)	Mt. Jewett in compliance with EPP-CPA 3-08.
Low Formaldehyde / VOC emissions	901.4 (d)	Composite wood contains no urea formaldehyde.
C.A.R.B.	CREDITS	DESCRIPTION
California Air Resource Board	C.A.R.B.	Meets requirements of CARB, Phase I & 2.

RECYCLED CONTENT	FORMALDEHYDE EMISSIONS
UltraStock-Free is SCS certified to contain at least 75% pre-consumer recycled fiber on a dry fiber weight basis. In addition, the Composite Panel Association (CPA) has certified that UltraStock-Free MDF produced at Temple-Inland's Mt. Jewett location contains 100% recycled/recovered fiber to comply with their Environmentally Preferable Product (EPP) specification CPA 3-08.	Large chamber air sample testing as per ASTM E1333-96. This assures UltraStock-Free's conformance to both ANSI A208.2 Table 1 and CPA EPP 3-08 formaldehyde emission requirements. (UltraStock-Free's emission levels are a fraction of those allowed within the EPP certification where lower is better.)

#### LOCATION & RAW MATERIALS

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

#### PACKAGING AND SHIPPING

Transportation by truck or rail

## Temple-Inland®

www.templeinland.com ▲ 800-424-2311

