Particleboard Panels

High-Efficiency, Multi-Use Family of Products

TEMSTOCK S™, TEMSTOCK B™, TEMSTOCK W™

Engineered to provide specific performance characteristics optimized for strength, balance and weight, TemStock S™, TemStock B™ and TemStock W™ particleboard panels form the foundation of our broad family of industrial boards.

TEMSTOCK FREE™

TemStock Free™ particleboard panels offer designers, specifiers and manufacturers particleboard with no-added-formaldehyde resins and emission levels lower than CARB Phase 2 standards.

TEMSTOCK MR®, TEMSTOCK FR™, TEMSTOCK FREE™ MR, TEMSTOCK FREE™ FR

TemStock MR® and TemStock FR™ particleboard panels are excellent material options when moisture resistance or fire resistance are design requirements. TemStock FREE™ MR and TemStock FREE™ FR provide the additional benefit of usage where a product with no-added formaldehyde resin is desired.

DIMENSIONS

TemStock S, TemStock B, TemStock W:
THICKNESS: 1/4" - 1 1/8"
PANEL SIZES: 49" & 61" X 73"-145" *

TemStock MR:
THICKNESS: 1/4" - 1 1/8"
PANEL SIZES: 49" X 73"-145"

TemStock FR:
THICKNESS: 3/8" - 1"
PANEL SIZES: 49" X 73"-145" *

TemStock FREE, TemStock FREE MR, TemStock FREE FR:
THICKNESS: 3/8" - 1 1/8"
PANEL SIZES: 49" X 73"-145" *

APPLICATIONS

- Home and office furniture
- Cabinets and fixtures
- Flooring
- Wall panels

*countertops and shelving available

Particleboard Panels

PHYSICAL PROPERTIES	TEMSTOCK S[1]				TEMSTOCK B[2]			
Averages[3]	< 3/8"	3/8" to 1/2"	> 1/2" to <1"	≥1"	< 3/8"	3/8" to 1/2"	> 1/2" to <1"	≥1"
MOR-Modulus of Rupture (psi)	1885	1885	1885	1885	1595	1595	1595	1595
MOE-Modulus of Elasticity (kpsi)	290.1	290.1	290.1	290.1	290.1	290.1	290.1	290.1
IB-Internal Bond (psi)	100	90	80	75	90	80	80	75
Face Screw Holding Capacity (lbs)	202	202	202	202	180	180	180	180
Edge Screw Holding Capacity (lbs)	NA	NA	180[4]	180	NA	NA	157[4]	157
Formaldehyde Emissions CARB II Compliant	✔	✔	✔	✔	✔	✔	✔	✔

1. ≥ M-2 2. ≥ M-S 3. One-panel minimum average (ASTM D1037 / ANSI A208.1-2009) 4. Not applicable for thinner than 5/8"

PHYSICAL PROPERTIES	TEMSTOCK W[1]			
Averages[2]	< 3/8"	3/8" to 1/2"	> 1/2" to <1"	≥1"
MOR-Modulus of Rupture (psi)	1450	1450	1450	1450
MOE-Modulus of Elasticity (kpsi)	246.6	246.6	246.6	246.6
IB-Internal Bond (psi)	80	70	70	65
Face Screw Holding Capacity (lbs)	180	180	180	180
Edge Screw Holding Capacity (lbs)	NA	NA	140[3]	140
Formaldehyde Emissions CARB II Compliant	✔	✔	✔	✔

1. ≥ M-1 2. One-panel minimum average (ASTM D1037 / ANSI A208.1-2009) 3. Not applicable for thinner than 5/8"

PHYSICAL PROPERTIES	TEMSTOCK MR[1] & FREE/MR[5]				TEMSTOCK FR & FREE/FR[5]		
Averages[2]	< 3/8"	3/8" to 1/2"	> 1/2" to <1"	≥1"	3/8" to < 5/8"	5/8" to 3/4"	≥3/4"
MOR-Modulus of Rupture (psi)	1885	1885	1885	1885	1600	1400	1400
MOE-Modulus of Elasticity (kpsi)	290.1	290.1	290.1	290.1	290	270	270
IB-Internal Bond (psi)	100	90	80	75	80	70	55
Face Screw Holding Capacity (lbs)	202	202	202	202	225	225	225
Edge Screw Holding Capacity (lbs)	NA	NA	180[3]	180	NA	160	160
Formaldehyde Emissions CARB II Compliant	✔	✔	✔	✔	✔	✔	✔
24-Hour Thickness Swell[4]	14.0%	7.0%	4.0%	4.0%			
Flame Spread					See Note 4	See Note 4	See Note 4
Smoke Developed					See Note 4	See Note 4	See Note 4

1. ≥ M-2 2. One-panel minimum average (ASTM D1037 / ANSI A208.1-2009) 3. 5/8" and thicker
4. Underwriters Laboratories, Inc. Classified Wood Particleboard: Surface Burning Characteristics. UL 723-Class 1 or ASTM E-84 Class A 5. *Free indicates product made with no added formaldehyde*

PHYSICAL PROPERTIES	TEMSTOCK FREE[5]		
Averages[1,2]	3/8" to 1/2"	> 1/2" to <1"	≥1"
MOR-Modulus of Rupture (psi)	1885	1885	1885
MOE-Modulus of Elasticity (kpsi)	290.1	290.1	290.1
IB-Internal Bond (psi)	90	80	75
Face Screw Holding Capacity (lbs)	202	202	202
Edge Screw Holding Capacity (lbs)	NA	180[3]	180

1. ≥ M-2 2. One-panel minimum average (ASTM D1037 / ANSI A208.1-2009) 3. Not applicable for thinner than 5/8"
5. *Free indicates product made with no added formaldehyde*

TOLERANCES

Length & Width:	± 1/16"
Squareness:	≤ 1/8"
Straightness:	± 1/64"/ 2ft.
Thickness: (within panel average)	≤ 0.004"
Thickness: (panel to panel average)	≤ 0.004"

ECC CERTIFICATION

TemStock particleboard products produced in the Georgia-Pacific facilities at Monroeville, Alabama, Hope, Arkansas, Thomson, Georgia, and Diboll, Texas, have been awarded the Composite Panel Association (CPA) Eco-Certified Composite (ECC) grademark.

FSC® CERTIFICATION

Particleboard that is certified to conform to the requirements of Forest Stewardship Council® standards for Reclaimed Material Chain of Custody and Controlled Wood manufacturing is available by special order from Georgia-Pacific facilities in Monroeville, Alabama, Hope, Arkansas, Thomson, Georgia, and Diboll, Texas.

FORMALDEHYDE EMISSIONS

TemStock FREE
TemStock Free no-added-formaldehyde (NAF) products comply with CARB-NAF requirements.

Other TemStock Products
Comply with California Air Resources Board (CARB) Phase 2 formaldehyde emission standards.
WARNING: These particleboard products contain low fuming 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.

ENVIRONMENTAL CREDITS

Refer to our website for current information regarding environmental credits and green rating system contributions.

FSC www.fsc.org FSC® C105015
The mark of responsible forestry

SUSTAINABLE USE OF WOOD FIBER ECO-CERTIFIED ECCertified.org

Georgia-Pacific
Panel Products

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