

M-S

Technical Specifications

Properties	ANSI A208.1-2016 (Grade M-S)	
	Metric	Imperial
Moisture content	Max. 10%	
Density range	600-650 kg/m ³	37.5-40.6 lb/ft ³
Typical density value for Uniboard mills		
Thickness tolerance:		
Between panels	± 0.200 mm	± 0.008 in
Within panels	± 0.100 mm	± 0.004 in
Modulus of rupture	11.0 N/mm ²	1,595 psi
Modulus of elasticity	1,700 N/mm ²	246,600 psi
Internal bond	0.36 N/mm ²	52 psi
Linear expansion	< 0.40%	
Screw holding:		
Face	800 N	180 lb
Core	700 N	157 lb
Formaldehyde emission	≤ 0.09 ppm (CARB 2)	
Length-Width	± 2.0 mm	± 0.08 in

Uniboard Particleboard meets the requirements of ANSI A208.1-2016 (Grade M-3 Table B) and is available as FSC® certified

Uniboard Particleboard meets CARB Phase 2 standards

Although the information in this document is presented in good faith and believed to be correct, Uniboard makes no representations or warranties as to the completeness or accuracy of the information. Uniboard shall have no liability for any errors or omissions contained therein or for any consequences of same.

particleboard



PRODUCT DESCRIPTION

Uniboard® particleboard is produced using specially bonded, top-quality wood fibers with a proprietary resin formulation and stands out from the competition.

Uniboard particleboard is available in M-S, M-2, M-3i, M-3 and Door Core grades and is the ideal choice for commercial and residential applications.

It features a smooth dense and non-porous surface, perfect for laminating and machining and is easy to cut giving a clean result without chipping. Uniboard particleboard panels are sanded to 100 grits.

Uniboard particleboard is offered in lift quantities in 4 and 5 feet width on multiple length and thicknesses, and is designed for easy handling. Alternative sizes and FSC® certified panels are also available upon request.

Uniboard Particleboard is produced at our Sayabec and Val-d'Or mills in Quebec or by our external supply partners following our leading standards.



IDEAL APPLICATIONS

Uniboard Particleboard is excellent for applications such as:

- Residential kitchens, bathroom, closets and storage
- Office furniture
- Store fixtures
- Point-of-purchase, trade show and exhibition display stands
- Healthcare, schools
- Door core

particleboard TECHNICAL SPECIFICATIONS ¹

PROPERTIES	ANSI A208.1-2016 (Grade M-2)	
	Metric	Imperial
Density	620-670 kg/m ³	38.7-41.8 lb/ft ³
Internal Bond	0.40 N/mm ²	58 psi
Modulus of Rupture	13.0 N/mm ²	1,885 psi
Modulus of Elasticity	2,000 N/mm ²	290,100 psi
Screw Holding, Face	900 N	202 lb
Screw Holding, Core	800 N	180 lb
Moisture Content	Max. 10%	
Thickness Tolerance - Between Panels	± 0.200 mm	± 0.008 in
Thickness Tolerance - Within Panels	± 0.100 mm	± 0.004 in
Length/Width	± 2.0 mm	± 0.080 in
Linear Expansion	≤ 0.40%	

¹ Technical specifications are also available for other grades at uniboard.com

² Typical values measured at the Sayabec and Val-d'Or mill



FORMALDEHYDE EMISSIONS GRADEMARK CERTIFICATION PROGRAM

Uniboard fulfills the requirements of EPA TSCA Title VI (40 CFR 770) and/or CARB 2, CAN/CSA-01 60-16, ANSI A208.1 and California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120.



ECO-CERTIFIED COMPOSITE (ECC) CERTIFICATION



FSC® CERTIFICATION

Uniboard is FSC® (Forest Stewardship Council®) certified for chain of custody by the Rainforest Alliance.

FSC® certified panels are available upon request.



LEED® CONTRIBUTION

Please refer to our Documenter Center at www.uniboard.com for current information regarding sustainable development and LEED point credits.



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NEED MORE
INFORMATION?

www.uniboard.com

Customer Service: 1-877-864-8641
Sales: 1-800-263-5240

redefining wood®

M-3i

Technical Specifications

Properties	ANSI A208.1-2016 (Grade M-3i Table A)	
	Metric	Imperial
Moisture content	Max. 10%	
Density range	650-690 kg/m ³	40.6-43.1 lb/ft ³
	Typical density value for Uniboard mills	
Thickness tolerance:		
Between panels	± 0.200 mm	± 0.008 in
Within panels	± 0.100 mm	± 0.004 in
Modulus of rupture	15.0 N/mm ²	2,176 psi
Modulus of elasticity	2,500 N/mm ²	362,600 psi
Internal bond	0.50 N/mm ²	73 psi
Linear expansion	< 0.40%	
Screw holding:		
Face	1,000 N	225 lb
Core	900 N	202 lb
Formaldehyde emission	≤ 0.09 ppm (CARB 2)	
Length-Width	± 2.0 mm	± 0.18 in

Uniboard Particleboard meets the requirements of ANSI A208.1-2016 (Grade M-3i Table A) and is available as FSC® certified

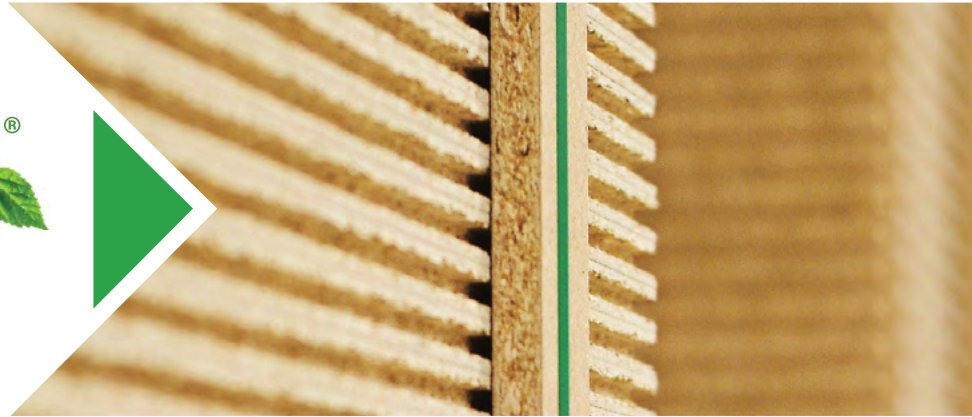
Uniboard Particleboard meets CARB Phase 2 standards

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NU GREEN 2[®]

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particleboard





PRODUCT DESCRIPTION

Uniboard® has introduced NU Green 2[®] particleboard, a ULEF (Ultra Low Emission Formaldehyde) particleboard that is the lowest-priced environmentally friendly board on the market.

Uniboard manufactures the NU Green 2 with a fast curing resin technology that results in a product with emissions well below formaldehyde emissions requirements. NU Green 2 contains 100% pre-consumer recycled and recovered wood fibres. The particleboard is available in our full collection of TFL colours and can be ordered in the industry's largest selection of sizes and thicknesses. Uniboard NU Green 2 particleboard panels are sanded to 100 grits.

Uniboard NU Green 2 is manufactured at our Sayabec mill in Quebec with the same standards and consistency as other Uniboard particleboard panels.



IDEAL APPLICATIONS

Uniboard NU Green 2 is excellent for applications such as:

- Office furniture
- Store fixtures
- Healthcare
- Schools
- Residential kitchens and bathrooms
- Closets and storage
- Kitchen doors

PROPERTIES	ANSI A208.1-2016 (Grade M-2)	
	Metric	Imperial
Density	620-670 kg/m ³	38.7-41.8 lb/ft ³
Internal Bond	0.40 N/mm ²	58 psi
Modulus of Rupture	0.13 N/mm ²	1,885 psi
Modulus of Elasticity	2,000 N/mm ²	290,100 psi
Screw Holding: Face	900 N	202 lb
Screw Holding: Core	800 N	180 lb
Moisture Content	Max. 10%	
Thickness Tolerance - Between Panels	± 0.200 mm	± 0.008 in
Thickness Tolerance - Within Panels	± 0.100 mm	± 0.004 in
Length/Width	± 2.0 mm	± 0.080 in
Linear Expansion	≤ 0.40%	
Formaldehyde Emissions	≤ 0.04 ppm	

*Technical specifications for all Uniboard panels are available at uniboard.com.



FORMALDEHYDE EMISSIONS GRADEMARK CERTIFICATION PROGRAM

Uniboard fulfills the requirements of EPA TSCA Title VI (40 CFR 770) and/or CARB 2, CAN/CSA-0160-16, ANSI A208.1 and California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120.



ECO-CERTIFIED COMPOSITE (ECC) CERTIFICATION



FSC® CERTIFICATION

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The mark of responsible forestry

LEED® CONTRIBUTION

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